**Saipraneeth Jetti**

**Java Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* **Having** around **10+ years** of extensive IT experience in all phases of **Software Development Life Cycle (SDLC)** which includes developing, design, analysis, testing and Integration of various web based and **client/server applications** in multi-platform environments with **JAVA/J2EE** technologies.
* Extensive experience in application development, including requirement gathering and analysis, functional specifications, interface design, feature coding, and final integration and deployment.
* Significant expertise in modern technologies and tools such as **Java EE, Spring, Spring boot, Micro services, Hibernate, MySQL, Oracle, MongoDB, AWS, Azure DevOps**.
* Proficient in working with web application's **UI testing frameworks** such as **Karma, Jasmine, Protractor for Angular JS, Mocha and Chai for Backbone JS.**
* Developed multiple **Angular components** which are compatible with latest versions of **typescript, Angular CLI.**
* Expert in developing **Java 8 applications using Lambda Expressions, Stream API, and Functional Interfaces.**
* Strong experience in developing **Single Page Application (SPA), using MEAN (Mongo, Express, Angular and Node) stack.**
* Skilled in developing web applications using **Angular 12**
* Expert in **Core** **Java** with strong understanding of **Garbage Collector, Collections Framework, Exception Handling Multithreading, Event handling, JDBC, JMS**and**Generics.**
* Good understanding **Core Java SE** concepts like **Streams API, Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, Lambda functions, Generics and Collection API.**
* Proficient with various Software Development Life Cycle (SDLC) methodologies like **Agile, Scrum.**
* Strong experience in designing and developing data models and accessing from Java applications using **SQL, PL/SQL, ORM** tool **Hibernate** and has experience with **NoSQL databases like MongoDB, Cassandra.**
* Proficient in using **Amazon Web Services AWS**. Extensive experience focusing on services like **EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache.**
* Good experience in using **Amazon Web Services (AWS)** and **AWS SNS/SQS** for delivering messages.
* Deploy application updates to AWS and monitored the load balancing of different instances.
* Extensively used **Java 8** features such as lambda expressions, Parallel operations on collections and for effective sorting mechanisms and new Date Time API. Experienced in Full stack UI technologies using **Grunt JS, Gulp Server, Yoman generator for Angular**.
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies such as **Spring, Hibernate, EJB, JPA, JSF, Struts framework, Servlets.**
* Strong experience in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Micro Services, Spring REST, Spring Annotations, Spring Transactions and Spring Security.**
* using **Spring Boot**.
* Experience in implementing client - server business applications using Micro Services, Designed and developed Micro Services business components experience with Splunk for log management and monitoring, as well as other critical skills.
* Experience in using **React Js** components, Forms, **Events, Keys, Router, plus Redux**, Animations and Flux concept.
* In depth knowledge on core java concepts such as **OOPS, Collections, Threading, generics, exception handling, Thread pools, concurrent utilities, File IO and Serialization.**
* Good knowledge in Hadoop Architecture with various components such as **HDFS, Flume, Pig and MapReduce.**
* Good experience with messaging systems like **Kafka event sourcing**.
* Used**AWS Amazon web services EC2**to run applications and workloads**.**
* Experienced in **developing Java 8 applications using JDK 8 API, Nashorn JavaScript Engine, and JavaFX 8.**
* Used **AWS Amazon web services** cloud formation templates and **AMI** to recreate instances
* Experience in using **Log4J**, and Version Control using **SVN, Git Hub, Clear Case**and**CVS**.
* Proficient in **SQL, PL/SQL** developed **Stored Procedures, Triggers, Functions and Packages**besides writing **DDL**,**DML**and**Transaction** queries with development tools like **TOAD**and**Rapid SQL**.
* Hands on experience in Node.JSbackend, using express to build the high concurrency, async web server.
* Proficient in **RDBMS** concepts and worked with **MySQL, Oracle, PostgreSQL, DB2**and NoSQL database such as **MongoDB**
* Experience in using **Log4J**, and Version Control using **SVN, Git Hub, Clear Case**and**CVS**

**TECHNICAL SKILLS**



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| **Languages:** | Java1.7/1.8, C, JavaScript, Perl, SQL, PL/SQL, |
| **Methodologies** | Waterfall, Agile and RAD |
| **Operating Systems** | Windows, UNIX, DOS |
| **Middle Ware** | JMS, Messaging Service Integration |
| **Framework/APIs/ Tools** | Spring MVC, Spring Boot, Spring Cloud, Struts 2.x/1.x/Tiles, Hibernate ORM, Maven3.0.4, AWS, Web Services (SOAP, REST, WSDL, UDDI), AJAX, JUnit 4, JSF, Log 4j, Ant |
| **Web Servers** | Apache Tomcat 1.8 |
| **­­­­Databases** | SQL, SQL Server 7/2000, MS Access 7.0, Oracle 8i/9i/10g, 11g,. |
| **Web Tools/IDE** | STS, Eclipse4.3.0, Web Storm |
| **Version Control System** | CVS, GIT, SVN |
| **Front End Technologies** | HTML5, CSS3, JQuery, Angular JS, Bootstrap |
| **Application Servers** | JBoss EAP 6.1, BEA Web Logic 10, IBM Web Sphere |
| **Protocols** | HTTPS, TCP/IP, HTTP, SMTP, FTP |
| **XML** | XSL, DOM, SAX, XSD, DTD, XSLT, XML Schema and Designing DTDs. |

**PROFESSIONAL EXPERIENCE**



**Client: Conduent, NJ**   **May 2023 to Present**

**Title: Lead Full stack Java Developer**

**Responsibilities:**

* Designed and developed the REST based **Microservices** using the **Spring**.
* Developed web applications using **Spring MVC**, **JQuery** and used **Eclipse IDE** for designing, coding and developing applications.
* Developed user interface using **JSP, HTML, CSS**, and JavaScript to simplify the complexities of the application.
* Developed client user interface using **JSPs and Servlets.**
* Performed Service Level Testing for Web services using Soap UI, **Postman**.
* Developed the Product Builder UI screens using **Angular-JS, Node JS, HTML5** and **Bootstrap**.
* Used **Eclipse**as IDE to develop the application and followed the standard features for debugging and running.
* Maintained code version controlling using **Azure DevOps.**
* Proficient in using **NVDA** (Non-Visual Desktop Access) for accessibility testing, ensuring compliance with WCAG guidelines.
* Implemented logging and monitoring solutions using Splunk, creating custom dashboards to track application performance, error logs, and critical events.
* Experienced in utilizing **Wave** for web accessibility evaluations and reporting.
* Participated in Integration of **Azure** with other applications infrastructure and scripting deployments to **Azure**.
* Developed and designed new cross-browser accessible interfaces using **JQuery** and **JavaScript**.
* Called the **Restful** web services calls for **POST, PUT, DELETE** and **GET** methods.
* Used **Java 8 Stream API to perform batch operations on Collections and Arrays.**
* Create and maintain fully automated **CI/CD** pipelines for code deployment using **Jenkins** and **GitLab**.
* Used **Spring framework** with **Hibernate** to map to **Oracle database** and mapped using Hibernate Annotations.
* Implemented **ODBC** which is used for connecting to the **database Oracle**.
* Developed and optimized **SQL** queries to retrieve and manipulate large datasets efficiently.
* Worked closely with the DBA team to identify and resolve query performance issues, resulting in a 30% reduction in query execution time.
* Worked closely with the data analytics team to utilize Splunk data for enhancing the application’s performance and user experience.
* Provided support for all core web services technologies including Web Service Description language (WSDL).
* Integrated testing methods implemented by using Karma and Jasmine.
* Good Experience with Continuous Integration and Continuous Delivery by using tools like Jenkins.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system
* Collaborated with DevOps teams to integrate Splunk into CI/CD pipelines, automating alerts for system anomalies.
* Log4J was used to monitor the error logs and used GIT as version control tool.
* Followed the Maven build life cycle to build the application and deployed into WebSphere application server.
* Followed Agile Methodology (Scrum) to meet customer expectation, timelines with quality deliverables.
* Developed test cases and performed unit testing using **Junit**

**Environment**: **Java 8,Core Java, J2EE, HTML5, CSS, Java Script, JQuery, AngularJS, NodeJS, Azure, Micro Services, NVDA, Wave**, **Spring, Hibernate, MVC, Web Services, SOAP, Postman, MAVEN, WebSphere ,JUnit, JMS, log4j, REST Client, Jenkins, JIRA,Splunk.**

**Client: Atlantic Union Bank , VA**  **Oct 2022 to Apr 2023**

**Title: Full stack Java Developer**

**Responsibilities:**

* Built an ecommerce application in Java/J2EE using Spring MVC framework.
* Developed the User Interface using **HTML5**, **CSS3**, **JavaScript**,**JQuery**and enhanced response using**twitter Bootstrap**and**Angular JS.**
* Proficient in using the Java 8 Date Time API for manipulating date and time objects
* Designed, developed a custom, single-page, responsive web application on front end using **AngularJS**.
* Implemented **Micro-Services** based Cloud Architecture using **Spring Boot**.
* Developed web applications using **Angular 12 and** **Spring Boot**
* Created and Configure **Micro services architecture** for **CDT Directory** project and integrated with **AngularJS** application.
* Build Restful API web services using**Node JS**and **Express JS** and used a full complement of **Express, Angular JS, NodeJS, and Mongo DB** to store and present assessments.
* Developed new applications using **Java 11 and Spring Boot**
* **Performed unit and integration testing using JUnit 5**
* **Developed RESTful services using Spring MVC and Jersey**
* **Implemented SOAP Web Services using Apache CXF**
* **Implemented Microservices architecture using Spring Cloud and Netflix OSS**
* Worked on Proof of Concept for developing application using **Node JS** and Mongo DB
* Developed **RESTful Web Services**with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
* **Spring Batch** is used for Batch processing with which notifications are sent in timely manner.
* Implemented Core Java concepts **like Multithreading, Concurrency, Exception Handling and Collections wherever necessary in the application.**
* Designed and implemented application using **Spring Boot, Spring MVC, Spring IOC, Spring Batch, Spring Annotations, Spring AOP, Spring Transactions, Spring JDBC.**
* Implemented Batch jobs using **Spring Batch**created various item readers, item writers and item processors.
* Used **Java8**features in developing the code like **Lambda expressions, creating resource classes**, fetching documents from database.
* Used **Spring Core annotations**for **Spring Dependency Injection, Spring MVC** for **Rest API’s** and **Spring Boot**for **micro services.**
* Development of cloud hosted web applications and **REST APIs** using Spring Boot with embedded **Tomcat**.
* Used design patterns like **Singleton, Data Access Objects, Factory**and**MVC patterns**.
* Implemented the **authentication** and **authorization** of the application using **Spring Security** and **OAuth.**
* Developed **JAX RS**and **Jersey**Container for http **REST Calls**and **web services** using all formats of data for Transmission like **JSON, XML, TEXT**and others.
* Developed **Restful**Web services for transmission of data in **JSON**format.
* Exposed **APIs**both as **REST** **Apigee** Platform.
* Used**JAVA 8**featureslike**Lambda Expressions, Parallel Streams**and**functional interfaces.**
* Implemented **Core Java** concepts like **Multithreading, Concurrency, Exception Handling and Collections**wherever necessary in the application.
* Used the Java Stream API and Lambda expressions for efficient data processing
* Implemented various design patterns such as Singleton and Factory patterns
* Worked on version control systems such as GIT and SVN.
* Developed **AWS S3**to copy project artifact into **S3**bucket.
* Deployed the application on **Amazon Web services (AWS)** and used it to provide a large computing capacity for scalable solutions.
* Used Java 8 Optional class to reduce the number of NullPointerExceptions.
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins** along with **UNIX** Shell scripts to automate routine jobs.
* Created and configured the continuous delivery pipelines for deploying **micro services** and **lambda functions** using **Jenkins** **CI** server. Achieved Dependency injection by creating **spring** services, Spring Dynamic Modules (**OSGI**), **spring** controllers and **DAOs** to wire objects of business classes.
* Used **MongoDB** as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Used **Eclipse**as IDE to develop the application and followed the standard features for debugging and running.
* Maintained code version controlling using **Azure DevOps.**
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool
* Followed the **Maven** build life cycle to build the application and deployed into **WebSphere** application server.
* Followed **Agile** Methodology (**Scrum**) to meet customer expectation, timelines with quality deliverables.
* Developed test cases and performed unit testing using **JUnit**

**Environment**: **Java 8,Core Java, J2EE, HTML5, CSS3, Java Script, JQuery, Angular, AngularJS, NodeJS, Azure, Micro Services, Mongo DB, Spring, Spring boot, Hibernate, MVC, Web Services, APIGEE, MAVEN, WebSphere, AWS, RAD, JUnit, JMS, log4j, Mongo DB, REST Client, Jenkins, UNIX, JIRA, Git.**

**Client: Honeywell, Boston MA Jan 2022 to Sep 2022**

**Title: Full stack Java Developer**

**Responsibilities:**

* Developed dynamic web pages using **HTML5, CSS3, jQuery, Bootstrap, CSS3 (SASS)**and**AJAX.**
* Worked with **Angular JS Controllers**, **Directives**, **Services** and **filters** for application functionality.
* **Developed Java 8 applications using Lambda Expressions, Stream API, and Functional Interfaces for improved performance.**
* Used many **Angular JS directives** which allow developing many custom and reusable **HTML** for data binding and behaviour of components.
* Used **Angular JS** to create views to hook up models to the **DOM and synchronize data**with server as a **Single Page Applications**.
* Used **Backbone JS** to utilize its rendering functions and create controllers to handle events triggered by clients and send request to server.
* Utilized Core Java concepts like **Collections, Multithreading**and**Exception handling** to develop business components.
* Developed applications **with Java 8 features like Lambda Expressions, Stream API, and Functional Interfaces for better performance.**
* Used **Multithreading** in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Developed application on **Spring framework** by utilizing its features like **Spring Boot, Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC.**
* Used **Spring Core** for configuring and using the **spring beans** in the application.
* Developed **RESTful services** based on **Spring REST** using **Jersey framework**.
* Developed user interface by using the **React JS** for **SPA** development.
* Implemented **SOAP** message handlers for intercepting and processing SOAP messages.
* Orchestrated **Micro Services** using **Kubernetes** for container management, scaling, and deployment.
* Developed several **RESTful API web services** which produces both **XML** and **JSON** to perform tasks, leveraged by both web and mobile applications.
* Documented the **REST API’s** using **Swagger2** API for briefing the services involved in the application.
* Involved in architecture, build and maintenance of highly available secure multi-zone **AWS** cloud infrastructure.
* Migrating an **IBM** **Sterling** File Gateway based on-premises legacy application to **AWS** using **AWS** CloudFormation.
* Troubleshooting user connectivity and access to remote resources via **ACL**, **Firewall** policy and **VPN** configuration.
* Used **AWS deployment services** to quickly set up a **dynamic website** and configured **virtual servers**.

**Environment: Java 8, Core Java, SOA, HTML, CSS- SaaS, AJAX, Angular, SOAP, JAX-RS, jersey, Swagger, Hibernate, Spring, Spring Batch, WSDL, Spring AOP, Oracle DB, Karma, Jasmine, Jenkins, AWS, Kubernetes**

**Client: Cyient Inc, India**   **Dec 2019 - Jun 2021**

**Title: Java/J2EE Developer**

**Responsibilities:**

* Developed java scripts for all client-side validation and **developed User Interface (GUI) using JSP, CSS, JSTL, and XSL.**
* Implemented **Java 8 Concurrency API to develop Thread-safe applications.**
* Responsible for analysis, design, development, and integration of UI components with backend using J2EE technologies such as **MVC framework, Servlets, JSP and JDBC for database connectivity.**
* Worked on **Agile Methodology** to meet timelines with quality deliverables.
* Implemented the presentation layer using **Struts MVC framework**.
* Creating HTML Web pages utilizing **JavaScript and CSS.**
* Gained experience in developing **Java 8 applications using the new features like Date Time API, Optional class, and Concurrency API.**
* Involved in High Level Design and prepared Logical view of the Application.
* Implemented **react JS** code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Created Data Source and deployed web application in the **WebSphere application Server.**
* Used Version Control Tool **SVN** to perform Checking-out and Checking-in of codes from the repository.
* Developed user interface using **JSP, HTML, CSS**, and JavaScript to simplify the complexities of the application and worked on **XML** parser and **XML** beans as well.
* While using spring as Application Level Framework, **hibernate** is used as persistence Framework.
* Design and implementing Model view controller (**MVC**) architecture using spring framework.
* Wrote Hibernate classes, **DAO's** to retrieve & store data, configured **Hibernate files**.
* Used **Jenkins** Jobs for build automation to compile and generate EAR and WAR files.
* Involved in raising questions for business, getting answers from them, bug fixing, and tracking is done by **JIRA**.
* Developed **RESTful** web services using **JAX-RS, Apache CXF and spring** frameworks and persistence using **Hibernate and JPA ORM** frameworks.
* Worked on **React JS Virtual Dom** and **React views**, rendering using components which contains additional components called custom **HTML tags**.
* Integrated **Kubernetes** with CI/CD pipelines for seamless deployment and continuous delivery of applications.
* Used **React JS** for **templating** for faster compilation and developing reusable **components**
* Jersey implementation of **JAX-RS** is **utilized to develop RESTful Web services.**
* Consumed **RESTful Web services (JAX-RS)** provided by different vendor to use for Address verification and validation.
* Involved in creating and extracting data from database using **SQL Queries, PL/SQL Stored procedures, triggers, and packages on Oracle database.**
* Used **Maven** for build, cruise control is used continuous building.
* Used **SVN** as version control system for source code and project documents.

**Environment**: **JDK, Java 8, Core Java, Struts, Hibernate, Web Services, Servlets, JSP, JDBC, XML, JavaScript, Core Java, ANT, MAVEN, AJAX, Kubernetes, CSS, Oracle, Web Logic, UNIX, PL/SQL Developer, JUnit, Agile, Eclipse IDE**

**Client: Qualcomm, India Sep 2017 to Nov 2019**

**Title: Java Developer**

**Responsibilities:**

* As a Developer in Java, was involved in functional discussions and prepared detail design documents for various modules of the application related to Project and its scope.
* Used **Agile Methodologies** to manage the full life cycle development of the project.
* Participated in development of a well responsive Single Page Application (SPA) using **AngularJS framework, JavaScript and jQuery in conjunction with HTML, CSS3 standards, with front-end UI team.**
* Developed server side JEE application components using **Spring Core, Spring MVC, Annotations, Servlets, JDK 1.7, EJB's**
* Extensively used Spring Framework modules like **DI (IOC), Auto Wiring, JDBC Templates, Spring Security, AOP.**
* Deployed the Application into Docker container and made easily accessible at runtime using Cloud Foundry and other cloud services like **AWS.**
* Developing **spring boot application** using micro services architecture with **Spring Eureka** to maintain small and lightweight services and communication between these services are done by using **API routes** for the entire cluster.
* Used **Spring Batch** as spring batch jobs can meet the requirements of reliability, robustness, and traceability, which are essential for automatic processing of large amount of data.
* Parsed the data to project to client and handled the security and Authorization using **Spring Security and OAuth.**
* Spring Transaction is used for the degree of isolation to work with other transactions and to execute within a transaction scope to run that transaction and used to check out before timing out of the transaction.
* Extensively used Hibernate concepts such as **inheritance, lazy loading, dirty checking, locking, and transactions.**
* Hibernate DAO classes were developed to retrieve and save data using spring framework manager classes.
* Performance monitoring of Mongo databases with OPS manager/MMS and familiar in installing and maintaining MongoDB in private Cloud Environments. Worked on multiple **BSON** type objects and used based on requirement.
* Developed a code for Web services using **JAX-WS, SOAP** and used SOAP UI tool for testing the services.
* Consumed **Web Services (WSDL, SOAP)** from third party for authorizing payments to/from customers.
* Modified existing applications to a suite of micro services and all micro services to facilitate deployment using Spring Boot and Junit and Power Mock frameworks for unit testing.
* Involved in developing micro services integrated with **VSTS** for CI/CD by automating the build/release process.
* Moving existing monolithic architecture to micro services and migrating them to AWS cloud.
* Created and configured AWS Elastic Load Balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Deployed and tested on **WebSphere application server**.
* Configured Maven for Java automation projects and developed **Maven Project Object Model (POM).**
* Writing Unit test cases using **JUNIT** testing framework and performed unit and system testing.
* Used **Log4J** to capture the log that includes runtime exceptions, monitored error logs and fixed the problems.
* Selenium's playback tool feature for authoring tests has been used in executing more than 100 test cases.
* Used IBM Clear case as version controlling system.

**Environment:** Agile, Servlets, Bootstrap, HTML, CSS3, AngularJS, JSP, HTML, XML, JSF, AJAX, jQuery, JSON, Spring MVC, JDK 1.7, EJB, JMS, J2EE, Eclipse, Spring Batch, Security, Transaction, Hibernate, Apache Tomcat, MySQL, PL/SQL, Apache Axis2, SOAP, WSDL, SOAPUI, MicroServices, AWS, Maven, Junit, Log4j, Selenium.

**Client: Integra Micro Software Services, India Jun 2014 - Aug 2017**

**Title: Java Developer**

**Responsibilities:**

* Extensively used **UML and Rational Rose** for designing to develop various use cases, class diagrams and sequence diagrams. In Phase Two, worked closely with the **Back-End team** to display data using the **Custom Components, library Components**, and **Redux**.
* Optimized **animation logic** with optimistic functions to increase performance in rendering.
* Worked with backend engineers to optimize existing **API calls** to create efficiencies by deprecating unneeded **API calls**.
* Called the **Restful** web services calls for **POST, PUT, DELETE** and **GET** methods.
* Used **Object Oriented Programming** concepts to develop components that could be reused across the **application.**
* Modified existing applications to a suite of micro services and all micro services to facilitate deployment using Spring Boot and Junit and Power Mock frameworks for unit testing
* Extensively used **Git**for version controlling and regularly pushed the code to **GitHub.**
* Used **JIRA** as the bug tracking system to track and maintain the history of **bugs/issues** on everyday basis.
* Worked with **JASMINE** unit test framework to write unit tests for JavaScript code.
* Extensively used debugging tools such as **Firebug** and **IE Dev tools**to investigate the issues and fix the bugs.
* Monitoring the offshore work and providing **technical** help to the offshore team for their **JIRA**tickets.
* Interacted with **Testing Team**,**Scrum Masters** and **Business Analysts** for fixing of Issues
* Used JavaScript for client-side validations, and AJAX to create interactive front-end GUI.
* Moving existing monolithic architecture to micro services and migrating them to AWS cloud
* Developed application using **Spring MVC architecture**.
* Developed custom tags for table utility component.
* Used various **Java, J2EE APIs including JDBC, XML, Servlets** and **JSP.**
* Designed and implemented the UI using Java, HTML, JSP and JavaScript.
* Designed and developed web pages using **Servlets and JSPs**and also used **XML/XSL/XSLT** as repository.
* Involved in Java application testing and maintenance in development and production.
* Involved in developing the customer form data tables. Maintaining the customer support and customer data from database tables in **MySQL database**.
* Involved in mentoring specific projects in application of the new SDLC based on the **Agile Unified Process**, especially from the project management, requirements and architecture perspectives.
* Designed and developed Views, Model and Controller components implementing **MVC Framework**.

**Environment:** **Java, J2EE, JDBC, Servlets, JSP, XML, XSL, CSS, HTML, DHTML, Java Script, UML, Eclipse 3.0, Tomcat 4.1, MySQL.**