**Krishna K**

**Java Developer**

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**Professional Summary:**

* **6** years of IT experience in analysis, design, implementation and testing of Object-Oriented Applications using **Java/J2EE technologies**.
* Worked on all phases of software development life cycle SDLC including requirements, analysis, applications design, and development and testing of various applications.
* Good knowledge of **Agile** and **Scrum** methodologies to develop best practices for software development and implementation.
* Experience in building tools like **Maven**, **Gradle** with knowledge of Groovy, **Git**, **Heroku**.
* Experience in Oracle and SQL Server databases. Hands on with PL/SQL Stored Procedures, Triggers and Views.
* Experience on developing web applications using Spring Boot, Spring MVC, Spring.
* Experience in developing, testing and deploying microservices based web applications using Java, Spring Boot and Spring MVC.
* Experience in developing applications using **HTML**, **CSS**, **XML**, **Dom** **Manipulation**, **JavaScript,** and **Bootstrap**.
* Experience in **Core Java**, Hands-on in creating/debugging/enhancing different automation frameworks.
* Involved in design and development of web-based applications using Java, JDBC, SQL, XML and Java-API.
* Experience on Responsive web design using custom **CSS**, **Bootstrap**, and adapt to the changing environment.
* Extensive experience in Data Modelling, Design, Development, Implementation & Administration of Database systems.
* Experience in core java concepts like Collection Framework, **Multi-Threading, Generics, Annotations, Serialization, JavaBeans.**
* Extensive experience in Software Configuration Management using Version Control tools such as **Git** and responsible for various software version releases.
* Exposure to Apache Tomcat **and Node JS** servers to deploy and configure Java API's and frontend modules.
* Using Java involved in developing web application to address security vulnerabilities.
* Good experience with various agile methodologies like SCRUM, Test Driven Development (TTD), Agile Development & Testing using Software Development Life Cycle (SDLC).
* Have excellent problem solving, proactive thinking, analytical, programming skills, communication skills, work ethics and the ability to work well in a team or individual environment.

**Technical Skills:**

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| **Languages** | Java 8, J2EE, SQL, Pl/SQL, JavaScript |
| **IDE’S** | Eclipse, NetBeans, IntelliJ, Drupal |
| **Databases** | MySQL, Oracle, MongoDB |
| **Technologies and Frameworks** | XML, CSS3, HTML5, DHTML, JavaScript, MVC, Bootstrap, RESTful, JSON, Spring Boot, Spring, Microservices |
| **Web Services** | SOAP, REST |
| **Methodologies** | Agile, Scrum |
| **Version Control** | GIT, GitHub |
| **Operating Systems** | Window, UNIX, Linux |

**Education:**

Masters in computer science, Northwest Missouri State University, MO May 2020

Bachelors in computer science, Jawaharlal Nehru Technological University May 2017

**Professional Experience:**

**Client: Qualcomm Jan 2021– Till Date**

**Location: San Diego, California**

**Role: Software Engineer**

**Responsibilities:**

* Developed and maintained business websites and applications based on **Drupal** and **PHP.**
* Experience in Drupal developing new modules and offering support to other users and developers.
* Created Articles, Pages, story, blocks for the web pages using **Java, HTML, Spring**.
* Developed Drupal web applications by utilizing **agile** and scrum methodologies.
* Worked with management to create project specifications and documentation and designed, evaluated, tested, troubleshot, and maintained **Drupal** applications.
* Implemented GIT based version control for migration.
* Used **Spring Boot** for developing **microservice** and **REST** to retrieve data from client-side using micro service architecture.
* Worked on **JIRA** for Agile software development process.
* Created blog pages and project pages for the client website and created forum pages for open discussions for the developers.
* Analysing the stories to find out the automation scope.
* Used CSS to maintain design consistency across all web forms.
* Responsible for maintenance of site after deployment.
* Worked on form submissions, validations using **JavaScript**.
* Worked with database team for optimization, updates and tuning.

**Environment:** Drupal, MYSQL, HTML5, CSS3, Java, PHP, JavaScript, JIRA, Spring, Spring Boot.

**Client: State Farm Insurance Jun 2020– Dec 2020**

**Location: Illinois**

**Role: Software Engineer**

**Responsibilities:**

* Working on the production tickets and resolving them by making necessary data changes. Diagnosing the issues arisen in production by analysing the issue in the logs.
* Enhancing the existing functionality by making optimized changes keeping in view of better performance and business need.
* Monitoring the message queues for any failed messages and diagnosing the issue from the necessary workload.
* Responsible for preparing the use cases and for designing and developing object models, class diagrams with **UML** Specifications.
* Provide support through internal application users to make our processes more efficient and better serve our customers.
* Actively participated in demos for stakeholders, by demonstrating the changes, new functionalities, and bug fixes for upcoming releases.
* Developed **Spring MVC REST** controllers, services for backend interactions.
* Designed and developed JSP Pages using **Spring** Framework and Tag libraries.
* Involved in the Complete Software development life cycle (**SDLC**) to develop the application.
* Developed mock-ups and prototypes using **HTML5** and **CSS3**.
* Knowledge in developing **HTML5** pages using DIV layout, Web Accessibility and Web Usability. Used **Maven** as build tool. Implemented **Java** to **XML** binding.
* Actively participated in Retrospective meetings.
* Development carried out under **IntelliJ** Integrated Development Environment (IDE).
* Designed various tables required for the project in **Oracle** database and used the Stored Procedures in the application.

**Environment:** Java/J2EE, HTML, CSS, Oracle, JIRA, IntelliJ, JavaScript, JDBC, Spring.

**Client: Bank of the West Sep 2019– May 2020**

**Location: SFO, CA**

**Role: Software Engineer**

**Responsibilities:**

* Involved in **agile** development process following Test Driven Development Technique.
* Designing and developing web application to generate reports using **Java/J2EE technologies**.
* Developed and Implemented Web Services and used **Spring** framework.
* Developed user-friendly web-based GUI using **JavaScript**, **CSS**, and **HTML**.
* Used **JavaScript** for User Input Validations and developed use cases using **UML**.
* Used **JDBC** to connect to **J2EE** server with relational database.
* Development of **Java** classes to be using in JSP and Servlets.
* Used **NetBeans** as IDE tool to develop the **Java** applications and **JIRA** for bug and issue tracking.
* Worked with **GIT** version control system to track various aspects of the project.
* Designed and developed user interfaces using **JavaScript**, **XML**, **jQuery,** and **HTML**.
* Involved in requirements planning, analysis and design discussions with technical team.
* Involved in implementing validations, exception handling.
* Used OOPS Concepts, multi-threading, connected applications to oracle database using **Oracle JDBC driver** to generate and display various reports.
* Assist developers throughout the scrum and help team in understanding the requirements, access the design, code, and review the solution.

**Environment:** Java/J2EE, Spring, HTML, CSS, JDBC, Oracle, Agile, JIRA, JavaScript, XML, GIT, NetBeans.

**Client: Team Engineers Advanced Technologies Jul 2016 – Dec 2018**

**Location: India**

**Role: Java Developer**

**Responsibilities:**

* Involved in all phases of Designing and development of applications.
* Involved in preparing the technical design documents using UML data model representation, Use Case diagrams, Sequence diagrams, Class diagrams.
* Worked on agile approaches, including Test-Driven development and Scrum.
* Used **Core Java** concepts like **Collections**, G**enerics** and **Exception** **handling** to develop business logic.
* Used Java **Multi-Threading** to work on parallel processing to improve the performance.
* Worked on Object Oriented Programming in Java and implemented SOLID principles across the application to improve coding standards.
* Participated in planning, grooming, retrospective, designing, and code review, scrum meetings with respective teams and coordinated project releases and timelines.
* Adapted to various design patterns like **Singleton**, **Factory** and Template patterns.
* Involved in writing stored procedures, complex queries using **SQL** to process data on **Oracle**.
* Worked on complex report extractions and delivered quickly to customer using **SQL** queries.

**Environment:** Java8, HTML, CSS, Jira, SQL, XML, Eclipse, Design Patterns.