POOJITH GANGALAM

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# PROFESSIONAL SUMMARY

* Overall 5 years 6 months of information technology industry experience in all the phases of software development involving Analysis, Design, Development, Testing and Implementation of application software with web Technologies, Progressive web applications, AWS Cloud, Informatica, front end, and back end.
* Excellent experience in GitHub for source code management and for version control.
* Excellent analytical and communication skills with capability to handle modern technologies.
* Experience working with the user feedback and user-centered designs.
* Familiar with package manager like npm, electron and Cordova to perform installation and maintain necessary packages for required projects.
* Exceptional skills in Agile / JIRA / Scrum/Test-Driven Development (TDD) and Waterfall Methodologies.
* Experience in developing cross-platform user interfaces, Cloud Environments like AWS/Azure.
* Excellent communication and collaborative skills, leadership and organizational skills, interpersonal skills, innovation skills, problem solving skills are very good.
* Team player along with a can-do attitude and ability to effectively communicate with all Levels of the organization such as technical, management and customer.

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# EDUCATION

**Eastern Illinois University,** *Master of Science,* United StatesAug 2022 – May 2024

**Major**: Computer Technology

**GPA:** 4.0/4.0

**Jawaharlal Nehru Technological** **University**, *Bachelor of technology*, India, Aug 2015 – May 2019

**Major**: Computer Science & Engineering.

# TECHNICAL SKILLS

**Programming Languages:** JavaScript, Python, jQuery, NodeJS, typescript, Angular, AngularJS,

React.js, XML, SQL Server, Java, C#, Terraform, HTML, PHP, CSS3, MySQL, NoSQL.

**Servers & Tools:** Visual Studio, Babel, Webpack, Postman, NPM, Atlassian JIRA, GitHub, AWS, Azure.

**Databases:** Oracle, MySQL, MongoDB, Amazon Redshift, PostgreSQL, Dynamo DB.

# PROFESSIONAL EXPERIENCE

**Client Name: Eastern Illinois University, USA.**

**Role:** *SOFTWARE ENGINEER* **Oct 2022 – May 2024**

* Engineered a comprehensive content management system and revamped UI/UX for 50+ screens using Figma and Bootstrap; achieved a 35% increase in user retention and 20% reduction in support queries
* Developed and implemented website layouts and color schemes in close collaboration with clients using Adobe Dreamweaver and other design tools; improved design approval rate by 25%.
* Employed agile methodologies to streamline software development processes, enhanced project delivery speed and team collaboration. Managed CI/CD pipelines with Jenkins and version control with GIT; reduced deployment time by 40% and improved code integration efficiency.
* Implemented robust client-side validations and business logic, optimizing code for enhanced performance; achieved a 15% improvement in page load times and increased user satisfaction.
* Leveraged Chrome Developer Tools for debugging, ensuring seamless cross-browser compatibility, WCAG and reducing browser-specific issues by 30%. Conducted thorough testing using Jest and Storybook across multiple browsers; ensured high-quality, consistent user experience and reduced bug-related support queries by 20%.
* Responsible for all client side UlValidation, optimization, and implementing Business logic based on user selection using JQuery and AngularJS.
* Developed page layouts, navigation, animation buttons and icons. Used Multi-Threading and collection framework including List, Map etc.
* Created dynamic webpages and solutions using AJAX Calls, using the XML Http Request Object.
* Developed the class structure, event handling and interaction between various JS components in the page.
* Performed code reviews to maintain code quality, performance and application responsiveness

**Client Name: NTT Data Service, India**

**Role:** *SOFTWARE ENGINEER* **Sep 2019 – Jul 2022**

* Interpreted business needs and articulated technical designs for 5+ modules, ensuring a 98% alignment with business goals, increased project delivery efficiency by 15%, and reduced rework by 25%.
* Engineered and deployed cloud-based solutions utilizing AWS services such as Lambda, S3, EC2, CloudFormation, SNS, DynamoDB, Glue, and AWS CLI; enhanced system scalability and resilience.
* Specialized in implementing microservices architecture and RESTful APIs, focusing on serverless solutions with AWS Lambda and API Gateway; improved system modularity and reduced operational costs.
* Implemented microservices architecture, RESTful APIs, and serverless solutions with AWS Lambda and API Gateway.
* Developed and managed stored procedures, crafting advanced queries for databases including Oracle, MySQL, TSQL, PostgreSQL, and Amazon Redshift; optimized database performance and query efficiency.
* Demonstrated expertise in developing and maintaining scalable applications with a comprehensive understanding of both front end and backend technologies; achieved robust, high-performing software solutions.
* Implemented database interactions with Sequelize and PostgreSQL and Developed Migrations and data models to create database objects and retrieve.
* Developed Server-side automation using NodeJS scripting and connecting distinct types of SQL and PLSQL stores from NodeJS.
* Maintained JIRA for tracking and updating project defects and tasks.
* Responsible for Automated Build Scripts and to resolve the build issues using NPM.
* Experience in Object Oriented technologies on client server, multi-tier applications, and Web technologies with Nodejs,Javascript, Java technologies involving Design, Development, Testing and Implementation.

**Client Name: ImbueDesk, India,**

**Role:** *SOFTWARE ENGINEER* **Jun 2018 – Apr 2019.**

* Created Login, Registration, and Edit User Profile features using HTML5, CSS3, jQuery, AJAX, JSON, and JavaScript; improved user engagement and streamlined user management.
* Employed AngularJS and Redux-Hooks to bind views to JavaScript models, developing client-side scripting with AngularJS, ReactJS, and NodeJS, enhanced application interactivity and state management.
* Synchronized development across Android, Web, and Desktop platforms using Apache, Tomcat, Cordova, and Electron; ensured a consistent user experience across all platforms.
* Developed responsive web application publishing framework components based on AngularJS and Cordova; facilitated efficient mobile app development and deployment.
* Designed graphics and UI screens, employing CSS selectors for table-less layouts and developing dynamic interfaces with CSS, HTML, XHTML, OAuth, JavaScript, and jQuery; achieved visually appealing and functional designs.
* Implemented Test-Driven Development (TDD) methodology to ensure robustness and reliability in software development processes.
* Enhanced user interfaces by integrating AJAX calls and JSON responses from web services; improved data interactivity and user experience.
* Developed prototype videos featuring scripting, graphics creation, and special effects/animations to showcase company features; effectively communicated product capabilities and features.

# CERTIFICATES

**Adobe Certification:** Adobe UI/ UX Certification.

**AWS Framework (certificate):** AWS Cloud Practitioner.

# REFERENCES

Available upon request.