SAI BHAVANA NAMMI

Gainesville, FL

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TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL
Web Frameworks: HTML, CSS, React, Angular, ASP.NET MVC, REST APIs, Node.js, .NET, MEAN/MERN stack, Bootstrap, jQuery, Jenkins, JSON, Microservices, SpringBoot
Database & Platforms: MS SQL Server, Postgres, MySQL, Entity Framework, ORM, NoSQL, Firebase
Tools & Others: AWS, SDLC, Mendix, Git, Docker, Linux, Selenium, Visual Studio, GitHub, GitLab, JIRA, Agile, Scrum

WORK EXPERIENCE

Software Developer - Golok Global Inc, Gainesville, FL   **Nov 2024 – Present**
- Built interactive dashboards for a travel services web application using React, Next.js, and Node.js, integrating third-party APIs for real-time data fetching.
- Developed high-performance REST APIs using OpenAPI and Swagger, integrated caching mechanisms, optimized Postgres SQL queries for improving retrieval efficiency and performance.
- Containerized application components using Docker, simplifying deployments and improving development workflow.
- Documented project scope and deliverables, leading to improved project understanding, performance tracking using JIRA, and a 30% reduction in errors during implementation.

Software Developer - Kodem Law Firm PLLC, Dallas, TX   **May 2024 – Nov 2024**
- Executed optimized Angular components and well-structured NgRx state for a SaaS platform to improve code re-usability by almost 30% throughout the application.
- Worked on a scalable microservices ecosystem by integrating gRPC and Protocol Buffers for efficient inter-service communication, and ensuring cross-language compatibility, leading to a 20% reduction in data transmission latency.
- Improved build artifact reliability by 50% through implementation of a CI/CD process for integration testing using Selenium, Jenkins, GitHub, and AWS Lambda.

Web Application Developer - UF, Department of Pediatrics, Gainesville, FL   **Jun 2023 – May 2024**
- Engineered the new Inventory System web application for the department with HTML and CSS, reducing the reported bugs by 25% and increasing the user interaction by 50%.
- Developed new features for the application based on user feedback utilizing PHP, JavaScript, SQL along with HTML,CSS for 4000+ users and revamped existing features for improved UI/UX.
- Managed Enterprise Content Management environment for 4000+ users, optimizing workflows, data access and deployed applications across multiple environments with 95% test coverage.

Software Engineer - Siemens Technology and Services Pvt Ltd, India   **Jul 2019 – Nov 2021**
- Facilitated a smooth migration of the application from AngularJS to Angular8 utilizing Typescript, HTML/CSS and MySQL ensuring minimal disruptions to the application's existing functionalities and the customer's experience.
- Collaborated with a 10-member cross-functional development team to perform unit testing using JUnit, slashing potential defects by 30% for a successful production release and enhanced system reliability.
- Implemented the front-end of 2 new web applications catering to multiple clients utilizing REST APIs with JSON in low-code platform Mendix along with Java and SQL.
- Conducted comprehensive analyses of critical software and production bugs, providing timely hot fixes and generating thorough reports on the fixes leading to a 47% reduction in troubleshooting time.

EDUCATION

Master of Science in Computer Science - *University of Florida* (*GPA: 3.80*)   **Graduated: Dec 2023**
Bachelor of Technology in Computer Science - *SRM University* (*GPA: 8.68*)   **Graduated: May 2019**

ACADEMIC PROJECTS

PDF Converter | *C#, .Net, HTML, CSS*   **Nov 2024 – Present**
- Implemented a system to automatically convert various types of documents to PDF format, and download the files to the system. Working on creating a Chrome extension to allow conversion without opening the web application.

Expenses Management System | *Angular, Java, SpringBoot, SQL, Kafka*   **Jan 2024 – May 2024**
- Built an expense management web app with task CRUD operations, display the expenses depending on the categories. Implemented user authentication with OAuth & JWT and used Kafka for task reminders.

My Organizer | *ReactJS, Java, SQL, Firebase*   **May 2023 – Aug 2023**
- Built a task management web app with task CRUD operations, drag-and-drop reordering, and calendar integration. Implemented user authentication with OAuth & JWT.