SAI BHAVANA NAMMI

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WORK EXPERIENCE

Kodem Law Firm PLLC *May 2024 – Present*
Software Developer Trainee
- Automated data population in forms for the internal portal using Python and SQL, streamlining case filing process for attorneys and reducing manual data entry by 70%.
- Executed the necessary code changes in the front-end, back-end and database models by partnering with 5 developers to evaluate new case types, forms to be added to the system, mapping process flows and data values.
- Utilized unit testing, debuggers to debug reported bugs within a 4-hour turnaround, resulting in a 40% reduction in recurring issues and a 25% boost in user satisfaction.
- Generated detailed documentation outlining technical requirements and enhancements for multiple teams, ensuring clear understanding of project scope and deliverables, resulting in a 30% reduction in errors during implementation.

University of Florida – Department of Paediatrics *June 2023 – May 2024*
Web Developer Intern
- Developed and managed user-friendly UI/UX designs for the department's inventory websites using HTML and CSS, reducing the reported bugs by 45%.
- Designed and integrated new features for the inventory website based on user feedback utilizing PHP, JavaScript, SQL along with HTML, CSS for 4000+ users and revamped existing features for improved UI/UX.
- Optimized workflows on key pages minimizing user clicks, saving 10 minutes process time boosting efficiency by 35%.
- Analyzed users' service requests, identifying root causes and providing solutions to resolve them, resulting in a 60% increase in client satisfaction.

Siemens Technology and Services Pvt Ltd *July 2019 – November 2021*
Software Engineer
- Restructured the UI of cross-platform mobile application for field engineers across 5+ countries utilizing the SDLC process, resulting in a 40% decrease in reported technical issues.
- 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.
- Awarded with Spot Award by leadership team for working on 3 projects simultaneously while maintaining code-quality, on-time delivery and limited production bugs.
- 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: December 2023*

Bachelor of Technology in Computer Science and Engineering – *SRM IST (GPA: 8.68)* *Graduated: May 2019*

ADDITIONAL PROJECT EXPERIENCE

Twitter Clone Engine | *Erlang, Cowboy, HTML, CSS* *November 2022 – December 2022*
- Designed a Twitter-like web platform featuring user registration, subscription, tweeting, retweeting and hashtag/user profile-based search, complemented by a simulation tool to test system performance with 10,000 active users.

UXD – ExxonMobil Portal Design | *Miro, Figma* *October 2022 – December 2022*
- Devised ExxonMobil's Employee Appreciation UX Design, in a team of four using agile methodology from leveraging 10+ user interviews for requirement gathering to iterative prototyping in Figma and conducted Usability Testing.

Carry-A-Way | *Angular, Cypress, Go, VS Code* *January 2022 – April 2022*
- Led a team of 4 using Agile methodology to develop a web application for luggage shipping services, implemented features like booking, price viewing, status tracking, and courier selection while ensuring high code quality and meeting project deadlines.

SKILLS AND COMPETENCIES

- Programming languages: Java, Python, SQL, PL/SQL, C++, Shell Scripting (LINUX/UNIX)
- Web Technology and Scripts: HTML, CSS, JavaScript, TypeScript, NodeJS, XML
- Frameworks and Tools: Spring Boot, Angular, REST API, JIRA, Figma, Git, Jenkins, Selenium, JUnit
- Technologies: AWS EC2, AWS S3, AWS Glue, AWS Lambda, Agile, Mendix, WordPress