SAI BHAVANA NAMMI

Gainesville, FL

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Education

Master of Science in Computer Science   **Jan 2022 – Dec 2023**
University of Florida, Gainesville, FL   *GPA - 3.80/4.0*

Bachelor of Technology in Computer Science   **Jul 2015 – May 2019**
SRM Institute of Science and Technology, India   *GPA - 8.68/10.0*

Experience

Department of Pediatrics, University of Florida   **Jun 2023 – Present**
Web Developer   *Gainesville, FL*

- Engineered user-friendly UI/UX for department websites with HTML, CSS, and JavaScript, boosting user engagement and resolving issues while documenting significant changes.
- Implemented new features for IT department's inventory system website utilizing PHP, JavaScript, SQL for 4000+ users in 10+ departments and revamped existing features for improved UI/UX.
- Optimized workflows on key pages minimizing form clicks, saving 10 minutes process time boosting efficiency by 25%.

Siemens Technology and Services Pvt Ltd   **Jul 2019 – Nov 2021**
Software Engineer   *Bengaluru, India*

- Transformed front-end of a cross-platform mobile application for the field engineers of Siemens across 5+ countries.
- Migrated the application from AngularJS to Angular8 utilizing Typescript, HTML/CSS, Cordova and performed manual testing for code quality, slashing potential defects by 50% for a successful production release.
- Pioneered the development of front-end of 2 new web applications catering to the US and Germany in-house clients utilizing RESTful APIs with JSON in low-code platform Mendix along with Java and SQL.
- Administered CI/CD workflows via Jenkins, delivering vital hot fixes for critical production issues in an existing project for improved client satisfaction, streamlined maintenance and elevated efficiency by 40% using Mendix and Java.
- Demonstrated adept project management by leveraging JIRA effectively for seamless tracking across diverse teams, facilitating streamlined Agile development and progress monitoring and used GIT for version control system.
- Collaborated with multi-functional development teams spanning 3 countries, fostering regular communication to analyze and resolve system failures, client reported bugs and manage concerns within estimated deadlines.

Graduate Trainee Engineer

- Built a desktop application to visualize power plant components whose details are displayed as pinnable floating dialog.
- Utilized C#, SQL in MVVM architecture for development and was recognized for design and implementation of project.

Projects

Twitter Clone Engine | *Erlang, Cowboy, HTML, CSS*   **Nov 2022 – Dec 2022**

- Designed a Twitter-like web platform featuring user registration, subscription, tweeting, retweeting and users/hashtags search, incorporating a client test simulator to emulate 8000+ active users for a comprehensive functionality testing.

UXD - ExxonMobil Portal Design | *Miro, Proto.io, Figma*   **Oct 2022 – Dec 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*   **Jan 2022 – Apr 2022**

- Developed a web application in a team of 4 for luggage shipping services with features like booking, viewing prices, tracking status, selecting courier services to ship luggage from source to destination city.

Technical Skills

Languages: Java, Python, C++, SQL, PL/SQL, NoSQL, Shell Scripting(LINUX/UNIX), C#, Go
Web Technology and Scripts: HTML, CSS, BootStrap, JavaScript, TypeScript, NodeJS, XML
Frameworks & Tools: Angular, REST API, Figma, Git, Postman, Jenkins, Docker, Kubernetes, AWS (EC2, RDS, Lambda, S3), PowerBI, Apache Kafka, JIRA, Agile, Cordova, Mendix, WordPress

Leadership / Extracurricular

Indian Graduate Student Association   **Mar 2022 – Mar 2023**
Secretary   *University of Florida*

- Orchestrated orientation for 400 new graduate students to help them connect with various facilities in the University.
- Organized numerous Indian cultural events for more than 800 students with celebrations and engaging activities.