

# SAI BHAVANA NAMMI

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## WORK EXPERIENCE

### Golok Global Inc

November 2024 - Present

#### Software Developer

- Worked on an application to support booking of hotel services using React, JavaScript for frontend and supporting the backend in Java, SpringBoot while consuming the REST APIs.
- Collaborated with the team to execute SQL queries on large sets of data using SQL Server to evaluate requirements, changes for the system, mapping process flows and data values along with maintaining data in MS Excel sheets for more clarity.
- Generated detailed documentation outlining technical requirements and enhancements for the team, ensuring clear understanding of project scope and deliverables, resulting in a 30% reduction in errors during implementation.

### Kodem Law Firm PLLC

May 2024 – November 2024

#### Software Developer

- 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 SQL reports for the team and the organization using MySQL to showcase the case load, revenue generated weekly, the trends observed and presented them to the management to show the expected trends and analysis for the upcoming weeks.

### 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 and Rest APIs 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

- Designed and developed scalable multi-tiered web applications for field engineers, using C#, .NET, and Oracle SQL as a backend to ensure robust and customized solutions.
- Facilitated a smooth migration of the application from AngularJS to Angular8 utilizing Typescript, HTML/CSS and Oracle SQL ensuring minimal disruptions to the application's existing functionalities and the customer's experience.
- 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, production bugs and data, 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 | C++, Cowboy, HTML, CSS

October 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, courier selection while ensuring high code quality and meeting project deadlines.

## SKILLS AND COMPETENCIES

- Programming languages: Java, Python, SQL, PL/SQL, C#, C++, Shell Scripting (LINUX/UNIX)
- Web Technology and Scripts: HTML, CSS, JavaScript, TypeScript
- Frameworks and Tools: .Net, Spring Boot, Angular, React, Node.js, REST APIs, JIRA, Figma, Git, Jenkins, Selenium, JUnit
- Technologies: Docker, Kubernetes, Azure DevOps, AWS EC2, S3, Lambda, RDS, IAM, Agile, Mendix, WordPress