

Sai Sriram

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SUMMARY

Software Engineer with 2+ years of experience, developing scalable web applications. Masters in Computer Technology. Proficient in React, Angular, TypeScript, Java, Node.js, with expertise in RESTful APIs, microservices, cloud services, and database management.

TECHNICAL SKILLS

Programming: C, C++, Java, Python, TypeScript.

Web technologies & Servers: HTML5, CSS3, JavaScript, Bootstrap5, JSON, XML, REST, GraphQL.

Frameworks and Libraries: React, Angular, Bootstrap, Spring Boot, Express.js, Node.js, JWT.

Databases: Oracle SQL Server, MySQL, PostgreSQL, MongoDB.

Developer Tools & IDE's: Figma, Git, Jira, GitHub Actions, Docker, Jenkins, Maven, Postman, Bitbucket, Visual Studio Code, IntelliJ IDEA.

Development Practices: Full-stack development, CI/CD, Automation, TDD, Design Patterns, Agile, SDLC, SOLID, and Code Reviews.

Certifications: Microsoft Azure AI Fundamentals, Postman API Student Expert Badge.

PROFESSIONAL EXPERIENCE

Software Engineer, Carvintech | Atlanta, GA

Mar '25 – Present

Working on a project called *Sifter*, a real estate platform designed to connect home buyers and sellers. It allows users to explore available properties and gives homeowners a simple way to list their homes for sale, with all data managed through a centralized system.

- Designed and developed the application from scratch, including UI mockups and full implementation across the stack.
- Built responsive and modular UI using Angular, Bootstrap, and Web Components for seamless user experience.
- Developed backend services using Node.js to handle data processing, user interactions, and API integrations.
- Leveraged GitHub Actions to automate testing and deployment workflows, enhancing code quality and team productivity.
- Integrated Firebase for automated deployment and hosting, ensuring continuous delivery with minimal downtime.
- Implemented Docker-based CI/CD pipelines for consistent and efficient build and deployment cycles.

Software Engineer Intern, SuperINTRO | SF, CA

Dec '24 – Mar'25

SuperINTRO is an application that lets users use AI-powered "Social AI Agents" (personas) to facilitate more authentic, engaging, and privacy-conscious connections locally.

- Crafted user-centric UI/UX **wireframes** and **mockups** in Figma, transforming complex concepts into user-friendly designs.
- Engineered a persona-based social media platform utilizing ReactJS and NodeJS, achieving a **30%** increase in user engagement and contributing to a community growth of over **1,000 active users** within the first three months.
- Optimized back-end performance through the implementation of ExpressJS and NodeJS, resulting in a **40% reduction** in **server response times** and enhancing overall user experience by **decreasing load times** to under two seconds.
- Implemented advanced authentication protocols using JWT, boosting security measures that decreased unauthorized access attempts by **80%** and ensuring compliance with industry standards for user data protection.

Full Stack Developer, Tata Consultancy Services (TCS) | India

Aug '21 - Nov '22

Citi Connectivity Registry (CCR) is a platform that provides a request, risk assessment, review and approval process for various third party and non-third-party connectivity types including Firewall, Proxy and Security Access Control List, IP Registration.

Frontend

- Developed an interactive Single-Page Application (SPA) to modernize the banking experience through HTML, CSS, JavaScript, and Angular, resulted in a notable increase in **customer interaction levels** of up to **30%**.
- Implemented responsive **design techniques** across platforms, **enhancing user experience** and leading to a **25%** increase in overall traffic and a **10%** boost in conversion rates.
- Streamlined API testing with Postman, **detecting and resolving 20%** of bugs **pre-release** for smoother deployments.
- Engineered a robust Cross-Origin Resource Sharing (CORS) framework for efficient communication across client-server architectures, resulting in a **50%** reduction in data retrieval times.

Backend

- Architected secure microservices using Java and Spring Boot, leading to a **40%** decrease in response time for RESTful Web Services.
- Defined API endpoints and **request/response** formats, incorporating authentication & authorization mechanisms that enhanced system security by **15%**.
- Designed, optimized, and managed SQL databases, developing efficient schemas and queries that **improved data retrieval** speed by **30%** and enhanced backend functionality, supporting a **25%** increase in application performance.
- Participated in code reviews and in quality assurance processes to identify and resolve bugs, optimize performance that improved application speed by **20%** and reduced system crashes by **15%**.

PROJECTS *(All my projects are available in my [GitHub](#) profile)*

- Built and deployed my **portfolio** using **React** on **Netlify**, ensuring fast load times and enhancing user accessibility, resulting in a significant boost in visitor engagement with the showcased projects.
- Designed a monthly challenge **full-stack web** application using **Java**, **Spring Boot** for the **backend** and **React** for the **frontend**. Utilized the **Axios API** library to seamlessly fetch & integrate data from the backend.
- Developed a **CRUD API** using **Spring Boot** with **GraphQL** integration, enabling **efficient data fetching** and manipulation.

EDUCATION

Masters in Computer Technology - Eastern Illinois University | 4.0/4.0

Courses: Java, Advanced Database Technology, Multimedia and Web Technology, Database Security and Reliability.