

# Sai Preetham Dongari

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## Summary

Over 2.5 years of experience as a skilled software engineer with expertise in SDLC, specializing in front-end and back-end development with strong proficiency in JavaScript, React.js, Angular, Node.js, Spring Boot, SQL, Python, Java and AWS. My strengths are complemented by strong problem-solving skills, attention to detail, and a passion for staying updated with the latest technologies and best practices.

## Education

**Masters in Computer Science, Clark University | Worcester, MA | GPA: 3.74**

**May 2024**

Excelled as a Teaching Assistant for three consecutive semesters, providing outstanding mentorship and instructional support

**B.Tech. in Information Technology, Sreenidhi Institute of Science & Technology | Hyderabad, INDIA | GPA: 8.0**

**July 2021**

Gold Reward for Missing Child Identification project. [International Innovation Show E-NNOVATE Oct 2021]

## Experience

**Open-Source Contributor**

**One Community Global**

**August 2024 – Present | CA, USA**

- Reviewed **100+** frontend and backend pull requests, ensuring code quality and consistency using **Angular** framework and **MongoDB**.
- Developed essential API endpoints, UI components, and features with **Express.js**, **React.js**, and **Redux**, enhancing platform functionality.

**Teaching Assistant**

**Clark University**

**January 2023 – May 2024 | Worcester, MA**

- Facilitated hands-on lab sessions for **200+** students, guided them in selecting research topics, and provided feedback on assignments, enhancing their understanding of **Software Engineering** and **Securing the blockchain**.
- Converted and integrated **10000+** rows of CLARKCOUGARS basketball data (1992-2023) into **SQL**, dynamically fetching real-time data using **React Axios**, resulting in significant cost savings for the university by replacing proprietary software.
- Developed a research management app under Prof. Gio using **ReactJS**, **Java Spring Boot**, and **MongoDB**, streamlining research papers.

**Software Engineer**

**Tata Consultancy Services**

**August 2021 - July 2022 | Hyderabad, India**

- Developed web components and RESTful web services using technologies like **Java Spring boot**, **Angular framework**, **MySQL**, **Sitecore**, and **JDBC**, **Hibernate**. Troubleshooted and resolved multiple bugs within existing features.
- Implemented **Angular** services to connect the web application to back-end APIs to **POST/GET** the data used in the application.
- Worked closely with **UI/UX** designers to implement responsive designs and ensure consistency with design mock-ups, while collaborating with other teams to fix user interface defects.

**Software Engineer**

**Urban Rebox IT PVT**

**January 2020 – June 2021 | Hyderabad, India**

- Developed and maintained a responsive frontend for Urban Rebox IT's waste management app using **Angular Framework**, reducing user complaints and improving engagement for **4000+** users.
- Implemented and maintained backend services using **Java Spring Boot**, ensuring robust and scalable application architecture for the app.
- Took part in designing and optimizing **MySQL** databases, writing **SQL** queries and basic stored procedures for real-time data processing, ensuring seamless data flow and improving system efficiency.

## Skills

**Technical Skills:** C, Python, SQL, HTML, CSS, Bootstrap, JavaScript, TypeScript, React.js, PHP, Node.js, Express.js, Next.js, Vue.js, Django, Redux, Angular, NgRx, MongoDB, NoSQL, SQL Database Administration, AWS S3, AWS RDS, Restful API's, JWT, OAuth, Git, Postman, Jest, Project Implementation, SaaS, User Experience (UX), Web Experience, Agile, Jenkins.

**Soft Skills:** Effective Communicator, Team Player, Analytical Thinker, Efficient Time Management, Adaptable, Leadership, Creative, Detail-Oriented, Strong Work Ethic, Conflict Resolution.

## Projects

**Chat with PDF | Intelligent Document Interaction Platform**

**January 2024-May 2024**

- Developed and deployed "Chat with PDF" using **React.js**, **Tailwind CSS**, **Node.js**, **Express.js**, **AWS S3**, and **Pinecone**, integrating **OpenAI NLP** models to reduce search time by 50% and increase accuracy by 30%.
- Developed backend APIs with **Node.js** and **Express.js**, integrating **AWS S3** and **Pinecone** for secure, fast semantic searches, achieving a 30% accuracy increase with custom algorithms and real-time query processing.

**Luxora | E-commerce Platform with Admin Panel and Payment Integration**

**August 2023-Dec 2023**

- Created an e-commerce application with a **React JS** frontend and an admin dashboard using **Express** and **Node** for a seamless shopping.
- Integrated **Redux** Toolkit with **Async Thunk** and **React Router v6** for efficient state management and navigation, established a secure backend server with **MongoDB**, **Java Spring Boot** and deployed on **Vercel** with **Stripe** for payments and **Nodemailer** for emails.

**DocumentGuard | Blockchain-Based Document Storage System**

**August 2022-December 2022**

- Developed a secure, decentralized document storage system using **Blockchain**, **IPFS**, and **AES** encryption, reducing document tampering risks by 40% and enhancing data accessibility by 35%.
- Implemented **SHA-256** hashing and a peer-to-peer network with **Socket Programming**, improving data retrieval speed by 25%.