

Summary

Software Engineer with 3+ years of experience developing and optimizing full-stack web applications. Proficient in React, Angular, Python, Azure DevOps, AWS, and Cross-Functional collaboration. Proven ability to drive user engagement, boost sales, and improve operational efficiency through strategic troubleshooting and innovative technical solutions.

Professional Experience

Software Engineer, Community Dreams, Boston, MA

Aug 2024 - Present

- Revitalized a clean energy website, leveraging **Figma** for UI/UX, **React.js** for frontend, and **Microsoft SQL Server** for backend, transforming initial designs into polished, functional web pages.
- Ensured **100% WCAG accessibility compliance** by incorporating **ARIA roles**, color contrast validation, and keyboard navigability checks into component development, enhancing accessibility for all users.

Associate Software Engineer, Ernst & Young (EY) Global Limited, Pune, India

Nov 2021 - Jun 2023

- Developed and maintained **PAANS**, a Consent Management app using **React.js**, **Python** and **Node.js**, allowing EY application teams to integrate privacy policy and various policies to comply with **GDPR regulations**.
- Coordinated the integration of core **Django and Java Spring Boot microservices** for over 10 clients, adapting client specific features and workflows in collaboration with cross-functional teams.
- Integrated **RESTful APIs**, enabling seamless data exchange, enhancing efficiency and response time.
- Revamped user access with **Azure Active Directory (AAD)** for secure authentication and managing user access, while automating the CI/CD pipeline with **Azure DevOps** to reduce deployment time by **50%**.
- Engaged stakeholders across various projects using **Agile methodology** to contribute to architecture discussions, scrum calls, sprint planning, code reviews, documentation, and supporting **UAT production deployments**.

Junior Software Engineer, AGSDO Pvt Ltd, Kurnool, India

Apr 2020 - Oct 2021

- Collaborated with a team of 5 in a startup environment to contribute across the full spectrum of product development, employing a structured **Software Development Life Cycle (SDLC)** approach and **Agile methodologies**.
- Orchestrated a full-stack application, utilizing **PostgreSQL** for data storage, integrated with a **React** frontend, and employed **GraphQL** for efficient API communication, ensuring a seamless user experience.
- Spearheaded the integration of core **Django and Spring Boot microservices** for three clients, adapting client specific features and workflows in collaboration with cross-functional teams.
- Enforced **Test-Driven Development (TDD)** practices with unit & integration testing, using **Jest** and **React Testing Library (RTL)**, reducing overall bugs by **20%** and accelerating release cycles.
- Boosted infrastructure scalability with **AWS services (Lambda, EC2)**, **Docker**, and **Kubernetes**, and streamlined CI/CD pipelines with **Jenkins** and **Git**, cutting average deployment times by **70%**.

Projects

BookMart - Golang | ReactJS | AWS - DynamoDB, S3 | Tailwind CSS

- Implemented a **full-stack web application** designed as a digital marketplace for new and used books. Utilizing a **React front-end** and **Go-powered RESTful API**, the platform is backed by **AWS DynamoDB** and **S3** for data storage and image hosting. Hosted on **AWS EC2**, it achieves response times within 50ms and robust security with **JWT authentication**.

EvoGym Management Platform [GitHub] - TypeScript | Adobe Creative Suite | Tailwind CSS

- Developed a **responsive web application** using **TypeScript** to manage gym activities, supporting over 500 active users. Utilized **Tailwind CSS** to create a responsive and visually appealing design, and Adobe Creative Suite for engaging graphics.

Skills

Web Development: HTML5, CSS3, JavaScript, AJAX, React JS, Angular, TypeScript, Next JS, Node JS, Vue JS, Redux, JSON, PHP, NPM, Webpack, Vite, Babel, Figma, JQuery, Material UI, Bootstrap, Jest, RTL, Enzyme, Rest API, GraphQL

Databases: Oracle, MySQL, SQLite, PostgreSQL, DynamoDB, NoSQL

Cloud: AWS (S3, Lambda, RDS, EC2), Docker, Kubernetes, Azure DevOps, Google Cloud Platform (GCP)

Languages & Other: Python, Java, C#, React Native, Network, Operating Systems, DevOps, Linux, Ubuntu, Power BI, Tableau, IntelliJ, Eclipse, SharePoint, Visual Studio, Jupyter, Jira, Git, Postman

Education

Master of Science, Business Analytics, University at Buffalo (STEM)

Buffalo, NY

Bachelor of Science, Information Technology, SRM Institute

Chennai, India

Achievements & Certifications

- Earned **“SPOT Award”** at EY for fixing 90% of security vulnerabilities, enhancing fault tolerance, and stability.
- **Microsoft Azure Certifications:** Azure Fundamentals (AZ-900), Azure Data Fundamentals (DP-900), Azure AI Fundamentals (AI-900), Power Platform Fundamentals (PL-900), Azure Administrator (AZ-104).