

Sri Sai Teja Narra

Full Stack Developer with 4 years of experience

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WORK EXPERIENCE

Full Stack Developer | Elevance Health – Herndon, Virginia

Jun 2024 – Present

- Optimized existing platform by implementing React.Suspense, code splitting, and lazy loading, resulting in **40% smaller bundle size and 25% faster page loads**.
- Designed MongoDB schema optimization and indexing strategies, **reducing average query time from 500ms to 100ms** and **supporting 3x increase in concurrent users**.
- Developed reusable React hooks and context providers for common functionalities (authentication, data fetching, form handling), **reducing codebase complexity by 35%** and **improving development velocity by 40%**.

Systems Engineer (Application Developer) | Tata Consultancy Services – Hyderabad, India

Nov 2020 – July 2022

- Developed scalable web applications using Java Spring Boot and React, improving performance and delivering a **seamless user experience to over 50,000 users**.
- Optimized microservices with Spring modules, enhancing REST API performance, leading to a **20% reduction in response times**.
- Built reusable React components, reducing front-end development time by 30% and increasing code maintainability across multiple projects.
- Improved existing CI/CD pipelines with Jenkins, reducing deployment time and accelerating time-to-market for new features.
- Conducted unit and integration testing, leading to a 30% reduction in post-deployment bugs and improving release quality.
- Authored and maintained technical documentation for APIs, increasing team collaboration and reducing onboarding time.

Application Developer Intern | Tata Consultancy Services – Hyderabad, India

Aug 2018 – Mar 2020

- Optimized UI components using React.js and Redux, **improving load times by 25%** and **enhancing the overall user experience**.
- Developed mobile-first, responsive layouts with CSS3, SASS, and Material-UI, ensuring consistent user experiences across multiple devices and screen sizes.
- Integrated **RESTful APIs** for real-time data updates, improving app responsiveness and reducing load times by **20%**.
- Collaborated with cross-functional teams to deliver **key features on time**, contributing to the successful launch of **several product iterations**.

EDUCATION

Master of Computer Science | Illinois Institute of Technology – Chicago, IL

Aug 2022 - May 2024

Bachelor of Technology | Gokaraju Rangaraju Institute of Engineering and Technology – India

Aug 2016 - Sep 2020

PERSONAL PROJECTS

Effort Lytic - Task Manager | (Tech: **React, Express.js, Node.js, PostgreSQL, RESTful APIs, JWT, Vercel, Figma**)

- Designed and developed a full-stack task management web application, implementing robust user authentication and authorization mechanisms, including password reset and registration features. Designed and integrated CRUD operations to enable dynamic, real-time user interactions and seamless task management.

E-Commerce Platform with Angular & Spring Boot | (Tech: **Angular, Spring Boot, Stripe API, Firebase**)

- Built an e-commerce platform replicating popular players featuring product catalog management, shopping cart functionality, and payment integration using Angular and Spring Boot.

Notify - Real-Time Collaborative Application | (Tech: **React, Express.js, PostgreSQL, Firebase**)

- Engineered a collaborative note-taking application that supports real-time editing and user synchronization with Firebase as the backend. Integrated user authentication and authorization features, ensuring secure access control and privacy for all users.

SKILLS

Programming Languages: TypeScript, JavaScript (ES6+), Java, C, Python

Front End Engineering: React, Next.js, Angular, HTML, CSS (SASS/SCSS), Flutter, Bootstrap

Backend Engineering: PostgreSQL, Redis, Firebase, MongoDB, GraphQL, Flask, Express.js, Spring MVC, Kafka, REST APIs

Deployment & CI/CD: Git, Docker, Jenkins, Terraform, Ansible, Amazon Web Services, S3, EC2, Lambda, Beanstalk, Redshift

Build & Testing: Node.js, Webpack, Babel, Postman, Junit, Jest, Cypress, React Testing Library