

SRITHAN REDDY SAVELA

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PROFESSIONAL SUMMARY

Accomplished **Software Engineer with 6 years of experience** delivering exceptional user experiences across industries such as healthcare and e-commerce. Proven track record of **designing, developing, and deploying both frontend and backend solutions**, while leading and mentoring teams in Agile environments. Proficient in **modern JavaScript frameworks like ReactJS, NextJS, Redux, and NodeJS/ExpressJS**, with expertise in backend technologies.

EXPERIENCE

Software Engineer

NAAS Technologies (Contract)

Feb 2024 – Present

Remote, USA

- Migrated legacy codebase from class components to functional components with hooks, resulting in a 15% reduction in code complexity and a 10% improvement in maintainability.
- **Designed scalable REST APIs** using NodeJS & ExpressJS for high-traffic applications using RESTful principles and GraphQL to optimize data retrieval and reduce network payload.
- **Implemented CI/CD pipelines** using Jenkins and GitHub Actions to automate testing, build, and deployment processes, improving development efficiency and reducing manual intervention.
- **Optimized database queries** and performance using indexing and query optimization techniques in MongoDB and PostgreSQL, leading to faster data retrieval and reduced server load.
- Implemented **client-side caching strategies using React Query and SWR** to minimize API call latency and reduce backend load by 35%.
- Led performance optimization efforts across multiple projects, leveraging React hooks (React.memo, useCallback, useMemo), **NextJS image optimization**, and tools like Chrome DevTools, resulting in a **30-35% improvement in Core Web Vitals and reduced page load times**.
- Automated testing and build processes, integrating Jest to ensure continuous integration and reliable code delivery.

Co-Founder & Lead Frontend Engineer

Ducumber

Apr 2019 – Dec 2021

Hyderabad, India

- **Collaborated cross-functionally with Product Managers, designers, backend engineers, and stakeholders** to prioritize features and streamline project timelines, resulting in efficient product delivery and enhanced team productivity.
- **Facilitated Agile/Scrum ceremonies** (daily stand-ups, sprint planning, and retrospectives) to enhance team collaboration and ensure timely delivery of high-quality software features.
- **Mentored junior developers** on React and Frontend best practices, contributing to a 15% improvement in code quality and reducing the time spent on code reviews.
- Propelled the **migration of a monolithic web application to a NextJS-based architecture**, resulting in a 35% reduction in page load times and improved SEO performance.
- Implemented automated CI/CD pipelines using Docker, Kubernetes, and Optimizely for A/B testing, reducing deployment time by 60% and increasing feature deployment frequency, which contributed to a 25% boost in feature adoption.
- Dramatically improved error detection by **migrating JavaScript codebase to TypeScript**, resulting in excellent SonarQube results with zero code smells, leading to a 30% decrease in debugging time.
- Optimized performance metrics using Chrome DevTools and PageSpeed Insights, resulting in a 30% improvement in Core Web Vitals scores.
- **Built reusable component libraries in React** with TypeScript, enabling cross-team collaboration and reducing feature development time by 20%.
- Developed custom components in React to support A/B testing scenarios, allowing dynamic switching between variants and tracking performance in real time.

- **Leveraged GraphQL client libraries** like Apollo Client for seamless communication with GraphQL APIs and developed front-end applications utilizing GraphQL queries to fetch data efficiently.
- **Implemented WCAG accessibility best practices**, improving the website's user experience for individuals with disabilities and earning the company recognition for its commitment to accessibility.

Software Engineer, Frontend

Lyra Work

Dec 2017 – Apr 2019

Hyderabad, India

- **Developed high-performance RESTful web APIs** handling 10k+ daily requests with under 100ms latency, resolving 90% of critical API issues through Postman testing for seamless system integration.
- Built a large scale website for a global luxury brand that **increased average session duration by 25%**, decreased bounce rate by 15%, and achieved over 1 million page views.
- **Built a real-time analytics dashboard** with ReactJS and WebSockets, providing actionable insights and live updates to over 100,000 concurrent users, and achieving a 20% increase in operational efficiency.
- Introduced **SEO best practices and PWA techniques** to optimize web applications for maximum speed and scalability and improve website performance by 20%.
- Authored and **created a reusable React component library** for future use, resulting in a 40% reduction in development time for new projects.
- **Optimized React components for performance** across various devices and browsers, leading to a 30% increase in user engagement and a 10% increase in revenue.

Junior Frontend Engineer

Sukor Consulting Pvt Ltd

Oct 2016 – Dec 2017

Visakhapatnam, India

- **Created a full-fledged Sass based CSS framework from scratch** and replaced the third-party UI framework within the first month of employment to meet the future business goals.
- Transformed **75+ Sketch UI screens into code** for a USA client scirque.com and solely led the frontend development for fountane.com including the conversion of traditional codebase to MERN stack.
- Restructured Redux store, resulting in a 25% reduction in code complexity and a 15% increase in team productivity.
- Contributed to the successful launch of a company website or internal web application on time and within budget.
- **Designed and Developed a WordPress theme** called "El Traveller" using PHP from scratch for a client's website wanderingjatin.in

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript, TypeScript, PHP, Swift, Python, SQL, Bash

Libraries & Frameworks: ReactJS, Redux, Redux Toolkit, Redux Saga, NextJS, NodeJS/ExpressJS, React Native, jQuery, SASS/SCSS, Tailwind, Bootstrap, Material UI, iOS UIKit

Databases & Cloud: AWS, MySQL, PostgreSQL, MongoDB, AWS DynamoDB, Google Cloud Platform, Redis

Developer Tools: Git, Docker, NPM, Gulp, Webpack, JEST, Cypress, Babel, Google Lighthouse, PageSpeed Insights, Agile Methodologies, SCRUM, TravisCI, VS Code

Design Tools: Adobe XD, Figma, Zeplin, Balsamiq, Adobe Photoshop, Human Interface Guidelines

EDUCATION

Northeastern University

Master of Science in Data Analytics Engineering

Boston, MA

Jan 2022 - Dec 2023

GITAM University

Bachelors in Computer Science

Visakhapatnam, India

Jun 2015 - Apr 2018