

Mani Naik

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SUMMARY

Senior Software Engineer with 4+ years of experience building scalable web applications. Expert in modern frontend (React, Next.js, Vue) with focus on performance, accessibility, and design systems. Experienced in backend (FastAPI, AWS) and workflow automation. Strong problem-solving skills (300+ LeetCode), with a track record of mentoring, driving cross-functional initiatives, and delivering measurable product impact.

SKILLS

Languages	JavaScript, Python, TypeScript, HTML & CSS
Front-End	React, Next.js, Tailwind CSS, React Query, Redux, Yarn, Webpack
Back-End	FastAPI
Cloud & DevOps	AWS, Docker
Version Control & Collaboration	Git, Postman

EXPERIENCE

Senior Software Engineer (Frontend) DATAPOEM

July 2023 - Present
Bengaluru, India

- Implemented changes to the webpack and nginx configurations resulting in a **Lighthouse performance metric** improvement from 54 to 72 (33%) for an existing Vue app.
- I streamlined authentication for our internal tools Next.js web app by using **Next-Auth**. Successfully integrated Azure-AD login functionality into Vue App, leveraging the **MSAL** library reducing the authentication related tickets by 90%.
- Directed efforts to establish a comprehensive design system featuring over 30 reusable components with shadcn/ui, enhancing consistency across applications and reducing design time for new features by approximately 25%.
- Implemented an **email notification system** for asynchronous task plans using python **FastAPI** and APScheduler, improving user engagement by ensuring timely updates on success or failure statuses.
- Automated monthly file processing workflow for critical model updates by integrating AWS S3 data ingestion with validation scripts using **Pandas and NumPy**, reducing runtime errors by 80% and improving operational efficiency.
- Designed and implemented an automated approval system using **Python, FastAPI, and React**, with a tracking UI for model results. Streamlined verification for 25 models per month, enabling client feedback capture (approval/rejection and comments) and saving significant man-hours.
- Resolving bugs and introducing new functionalities to an existing Vue2-based web app.

Application Development Analyst ACCENTURE

Jan 2021 - July 2023
Mumbai, India

- Developed and maintained a high-traffic search tool, significantly improving user experience and efficiency for thousands of daily users, boosting platform engagement.
- Optimized dashboards and added widgets, **cutting load times by 23%** and boosting performance.
- Implemented **accessibility best practices** (ARIA roles, semantic HTML, keyboard navigation, color contrast checks) across client dashboards, achieving WCAG 2.1 AA compliance and improving usability for all users, including those with disabilities.
- Created a React starter kit that expedited Accenture client onboarding, reducing setup time and boosting time-to-market and client satisfaction.
- Maintained and updated various website sections using **React, AngularJS, Javascript and Sass**, significantly enhancing user experience with a consistent, polished interface, leading to a 20% increase in user engagement.

PROJECTS

Drawee : Developed a real-time collaborative whiteboard using Next.js, TypeScript, and Liveblocks for drawing shapes, resizing, and moving elements. Implemented undo/redo and room-based collaboration. ([Try it here](#)) ([github](#))

Nextflix : Built a Netflix-style app with Next.js + GraphQL, showcasing API integration and responsive UI. ([Try it here](#)) ([github](#))

EDUCATION

Bachelor of Engineering in Information Technology.
Atharva College of Engineering

August 2016 - October 2020