ADITYA SINGH

Bengaluru, Karnataka

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Summary

Software Engineer with 1.5+ years of experience building scalable web applications using React, Node.js, MongoDB, and AWS. Skilled in performance optimization, SEO architecture, and full-stack product development. Passionate about writing clean, testable code and solving real-world problems at scale."

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, C++, Python, SQL, NoSQL
Frontend: React.js, Redux, Next.js, HTML5, CSS3, Tailwind CSS, Material UI, Bootstrap
Backend: Node.js, Express.js, Django, REST APIs, JWT
Database: MongoDB, PostgreSQL
Tools DevOps: Git, GitHub, Postman, Vite, AWS, VS Code, Jupyter, Jest, Cypress Other: SEO Optimization, Web Performance (LCP, CLS, TBT), Web Workers, OOPs, System Design

WORK EXPERIENCE

Trendlyne Technologies ⬈   **Mar-2024 – Present**
Software Engineer   *Bangalore*

- **Product Development:** Spearheaded the development of the Smart Options for FnO trading, significantly enhancing user experience by **100** percent and driving core performance optimizations
- Performance Optimization: Demonstrated ability to optimize application performance by 2X through troubleshooting and code refinement.
- SEO Architecturing: Boosted organic traffic by **70** percent through strategic SEO. Improved LCP, FCP, CLS, TBT of the page by **45** percent
- Optimized page performance and enhanced user interactivity by implementing Web Workers for efficient background processing.

Crio.do ⬈   **Jan-2023 – Present**
Project Engineer   *Bangalore*

- Modernized the event admin panel and created generic components feature that improved event creation efficiency by 90 percent.
- Spearheaded collaboration between the Content and Product Development teams to innovate and execute over **10** projects, leveraging cutting-edge **JavaScript** and **React** technologies and write test cases in Cyypress.
- Engineered a robust authentication system for their website, a flagship project, enhancing user security and access management.

PROJECTS

Anytime Property ⬈ | Vite, ReactJs, ExpressJs, MUI, JWT, MongoDB,

- Built a scalable **MERN stack** real estate platform with **JWT auth**, dynamic filtering, and responsive UI.
- Designed RESTful APIs and managed data in **MongoDB**, handling **1000+ property listings**.

Qkart-ECommerce ⬈ | ReactJs, ExpressJs, MUI, JWT, MongoDB, Vercel

- Engineered shopping cart logic and user authentication system using **React, MUI, MongoDB**.
- Built full-stack functionality with secure routes, responsive design, and **unit/integration tests**.
- Wrote unit and integration tests to test the implementation.

Jobster ⬈ | ReactJs, Redux, ExpressJs, Vercel

- Created a job tracking dashboard with **Redux state management** and full CRUD functionality.
- Integrated robust auth and job editing/management, handling **1000+ records**.

ACHIEVEMENTS

- ∗ Secured **89th** rank in **ICPC Kanpur Regionals** 2020.
- ∗ **4*** in Codechef and **Specialist** in Codeforces

EDUCATION

Madan Mohan Malaviya University of Technology   **July 2019 – May 2023**
Computer Science and Engineering   *Gorakhpur, India*