NRUPAL DAVE

Web Engineer | MERN Stack | React | Next.js | Python
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PROFESSIONAL SUMMARY

Web Engineer with **3.5+ years of experience** designing and developing scalable, high-performance web applications using **MERN Stack, React.js, Next.js, and Python**. Strong expertise in building reusable UI components, optimizing frontend performance, and integrating RESTful APIs. Experienced in CI/CD-driven environments, modern frontend architecture, testing, and cross-functional collaboration within fast-paced product teams.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Redux, HTML5, CSS3, Tailwind CSS
Backend: Node.js, Express.js, Python (FastAPI, Flask), RESTful APIs
Database & Caching: MongoDB, PostgreSQL, Redis
Build & DevOps Tools: Git, GitHub, CI/CD Pipelines, Webpack, ESLint, Prettier, Agile/Scrum, JIRA
Testing: Jest, React Testing Library, Cypress, Playwright
Soft Skills: Problem Solving, Analytical Thinking, Collaboration, Mentorship

PROFESSIONAL EXPERIENCE

Client: CircleCI, Toronto, ON
Full Stack Engineer | July 2025 – Present

- Design and develop scalable web applications for CI/CD platform capabilities using **React.js, Next.js, and TypeScript**.
- Build and maintain **server-side rendered (SSR) and static pages** in Next.js to improve performance, SEO, and initial load times.
- Develop backend services and automation utilities using **Python (FastAPI/Flask)** to support frontend workflows, data aggregation, and internal tools.
- Implement full-stack features using the **MERN stack**, integrating React-based UIs with Node.js, Express.js, and MongoDB APIs.
- Integrate RESTful APIs to display pipeline execution status, job logs, configuration insights, and developer analytics dashboards.
- Optimize application performance using **code splitting, lazy loading, memoization**, and efficient state management patterns.
- Collaborate closely with DevOps, backend, and product teams to enhance developer experience across CI/CD workflows.
- Implement authentication and authorization mechanisms for secure access to organization-level resources.
- Maintain high code quality through **unit, integration, and end-to-end testing** using Jest, React Testing Library, Cypress, and Playwright.
- Contribute to CI/CD pipeline automation, enabling automated builds, tests, and deployments for frontend and backend services.
- Perform code reviews and mentor junior engineers on React architecture, Next.js best practices, and testing standards.

Technologies: MERN Stack, React.js, Next.js, TypeScript, Node.js, Express.js, Python, MongoDB, REST APIs, CI/CD, Jest, Cypress, Playwright

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Sysbioz Solutions Private Limited — Ahmedabad, India
Frontend Developer | June 2021 – July 2024

- Lead frontend development for enterprise and fintech platforms using **React.js, JavaScript, TypeScript, and Tailwind CSS**.
- Architect reusable and modular UI components to support scalable frontend systems.
- Implement performance optimizations including lazy loading, code splitting, and optimized rendering strategies.
- Collaborate with backend teams to define and integrate RESTful APIs.

- Convert Figma designs into accessible, pixel-perfect, and SEO-optimized user interfaces following **WCAG 2.0 AA** standards.
- Build and maintain unit and integration test suites using Jest and React Testing Library.
- Participate in Agile ceremonies, sprint planning, and release cycles.

ACADEMIC PROJECTS

Corporate Security Enhancement (IoT-based Application)
- Develop a real-time security monitoring dashboard using **React.js** integrated with IoT device data.
- Implement API integrations for real-time tracking, alerts, and analytics.
- Optimize frontend performance using Webpack and responsive design principles.

DineSmart – Food Ordering Platform (MERN Stack)
- Design and implement a full-stack food ordering application using **MongoDB, Express.js, React.js, and Node.js**.
- Implement Redux for state management and real-time order status updates.
- Integrate Stripe payment gateway and secure checkout workflows.

CERTIFICATIONS

- **React Skills -** LinkedIn Learning | May 2024
  Skills: React.js, Web Development, Web Applications
- **Explore App Development with the MERN Stack** – LinkedIn Learning | Aug 2024
  Skills: MongoDB, Express.js, Full-Stack Development