

RAMCHANDRA SINGH

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SUMMARY

Full stack developer with 3.5+ years of experience building production web applications end to end: responsive React.js and Next.js frontends backed by Node.js/Express and FastAPI REST APIs with database integration and authentication. Convert Figma designs into scalable, maintainable architecture and improve user experience, engagement, and SEO through performance-focused implementation.

SKILLS

- React.js (hooks, state management)
- Next.js (SSR, routing, API routes)
- Node.js and Express.js
- REST API design and integration
- FastAPI (Python)
- JavaScript and TypeScript
- HTML5, CSS3 and SCSS
- Material UI
- SQL / NoSQL databases
- Authentication and role-based access
- Responsive web design
- UI/UX design and prototyping (Figma)
- Design systems and component libraries
- Performance optimization (code splitting, caching)
- SEO optimization
- Testing and defect tracking
- Git and version control
- Deployment (Vercel / cloud hosting)
- AI coding assistants (Copilot, Claude Code, Codex)
- Agile collaboration with cross-functional teams

EXPERIENCE

FULL STACK ENGINEER, 01/2024 - Present
Flex2 Industrial IIoT Solutions, Freelance · Remote

- Built and shipped full-stack web applications end to end: React.js / Next.js frontends with Node.js (Express) and FastAPI backends serving REST APIs.
- Designed and developed REST APIs in Node.js and FastAPI for authentication, role-based access, data entry and reporting, consumed by the Next.js frontend.
- Integrated databases (SQL / NoSQL) for application data, wrote data-retrieval and aggregation logic, and optimised queries behind dashboard views.
- Built enterprise dashboards for facility operations and spend analysis with role-based views and approval workflows for environmental compliance.
- Turned Figma wireframes and prototypes into interactive, accessible, responsive components with Material UI and SCSS.
- Created frontend architectures to improve speed, scalability, and SEO performance (SSR, code splitting, caching).
- Deployed and maintained the applications on cloud hosting, handling environment configuration, builds and releases.
- Ran functional and regression tests, tracked defects, and verified fixes across

key user journeys.
- Used AI coding assistants such as GitHub Copilot, Claude Code, and OpenAI Codex to speed development and improve code quality.

WEB DESIGNER, 02/2023 - 10/2024
SelectKaro India Pvt. Ltd., Ludhiana, Punjab · Remote

- Designed and developed user-friendly web interfaces using Figma for UI/UX design.
- Created wireframes and prototypes to enhance user interaction and experience.
- Implemented responsive designs with HTML5, CSS3, and React.js to ensure accessibility.

FRONTEND DEVELOPER || UI, UX DEVELOPER, 08/2022 - 09/2023
Stackkly.com

- Designed and developed user interfaces with Figma, producing high-fidelity mockups and prototypes that enhanced user engagement.
- Collaborated with cross-functional teams to integrate React.js components, enhancing interactivity and user experience.
- Implemented responsive web designs with HTML5 and CSS3, achieving seamless cross-device compatibility.
- Conducted user research and usability testing to inform design decisions and optimize functionality.

ACHIEVEMENTS

- Product & AI Contributions
- Contributed to AI-driven product features including document-grounded AI assistants, RAG-based chatbots and marketplace UX improvements.

EDUCATION

Allahabad University, *01/2019*
B.Com: **Commerce**

12th: **English**

10th: **English**

ADDITIONAL INFORMATION

Total experience: 3.5+ years (since 08/2022)

Languages: Hindi, English, Punjabi