Mayank Yadav

Full Stack Developer

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SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C, C++, HTML, CSS
Frontend Development: React.js, Next.js, Context API, Zustand, Tailwind, Redux, Material UI
Backend Development: Node.js, Express.js, FastAPI, REST APIs, Server-Side Rendering (SSR)
Database Management: SQL, MongoDB, Mongoose, Firebase
Tools & DevOps: Git, GitHub, GitLab, Bitbucket, AWS (EC2, S3, IAM), Postman, Jira, Vercel, CI/CD Pipelines, Jira, Google Analytics
Core Concepts : Data Structures & Algorithms, Design Patterns, Low-Level Design, CMS

WORK EXPERIENCE

Goodvisa   **Remote**
Full Stack Developer   *April 2025 - Present*

Leveraged agentic AI tools including **Cursor IDE** and **Claude** to accelerate feature development cycles, utilizing **AI-assisted code generation** and **automated refactoring** to reduce implementation time and significantly shorten iteration loops across the project.

- Co-architected and built the GoodVisa platform connecting users, travel agents, and visa agents, developing scalable frontend modules with React/TypeScript and backend services using **FastAPI** to support workflows, authentication, and real-time operations.
- Led the refactoring of the Visa Workflow system, implementing reusable components and Zustand-based state management, and built dynamic workflow rendering with **WebSockets**, supporting 1K+ daily requests and improving maintainability and performance.
- Designed and integrated an agentic payment system within the AI chatbot, enabling seamless payment flow during conversations using **Razorpay**, custom webhooks, and real-time updates, improving page load time by 32%.

MountBlue Technologies (Client: Gida Technologies)   **Bengaluru, KA**
Software Developer   *March 2024 - April 2025*

Developed and enhanced client-facing web applications using Next.js and modern UI frameworks like **Material UI**, focusing on performance optimization, SEO, dynamic content management, and delivering high-quality user experiences.

- Built and optimised responsive web applications using **Next.js**, TypeScript, and SCSS, leveraging **SSR** and **SSG** for improved performance and **SEO**, while managing complex state with **Redux**, **Zustand**, and custom reducers to enhance maintainability and user experience.
- Developed and enhanced product flows including Health and Motor Renewal journeys for **HDFC ERGO**, along with product landing and detail pages, focusing on performance, SEO optimisation, and smooth user journeys.
- Integrated Strapi **CMS** for dynamic content workflows and implemented analytics tools such as CleverTap and GA4 for event tracking, user behaviour analysis, and conversion monitoring across client applications including HDFC Ergo and **Antara**.
- Delivered business-critical features such as KYC flows and due-diligence interfaces, ensuring high-quality releases through testing, debugging, caching strategies, and performance optimisation.

Studio 51 Hyd Pvt Ltd
Software Intern

Hyderabad, TS
October 2023 - March 2024

- Designed and developed bespoke websites for animation and design studios, showcasing clients' portfolios with visually stunning and interactive designs to highlight animations, CGI work, and creative expertise.
- Ensured all websites adhered to accessibility standards, allowing users of varying abilities to access and enjoy dynamic media content seamlessly.
- Built responsive layouts that maintained seamless functionality across all devices, from desktop to mobile, ensuring an optimal user experience.
- Collaborated with animation and design studios to incorporate their vision and feedback, delivering tailor-made web solutions aligned with their specific needs.

CERTIFICATION

Full Stack Web Development (MERN)

March 2023

EDUCATION

Shri Shankara Group of Institutes B.Tech in Mechanical Engineering	Bhilai, CG
Little Flower Higher Secondary School HSC in PCM	Bilaspur, CG
Maharishi Vidya Mandir SSC	Bilaspur, CG