Aman Kumar

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EDUCATION

Lakshmi Narain College of Technology — Indore, MP
B.Tech in Computer Science and Engineering — CGPA : 7.86 — Aug 2018 – May 2022

WORK EXPERIENCE

OexTech Solutions — April 2024 – Present
Frontend Engineer

- Created high-performance websites for multiple clients with **Next.js**, **Tailwind CSS**, and **Strapi CMS** and achieving **100 Lighthouse score**, improving speed by **75%**, and securing **SEO rank 2** on Google.
- Integrated **Stripe**, **Razorpay** and **PhonePe** payment gateways for the clients, securing a **25%** increase in the overall checkout conversion rate.
- Ensured all websites were **100%** responsive across devices, with CMS-managed content, **automated sitemap generation**, and reusable components for consistent and efficient development.
- Designed the Admin, Product, and SEO **dashboard** in the AiCodePro app, fetching and displaying real-time data from the backend.
- Engineered an automated bulk invoice generation system for orders across multiple marketplaces, reducing manual effort by **80%** and enabling processing of **500+** invoices in minutes.
- Developed a **UPC-to-product** mapping feature to standardize inventory tracking, eliminating SKU confusion and improving inventory accuracy by **28%**.
- Integrated a voice bot into the AiCodePro chatbot using **Azure Speech Recognition**, reducing user typing time by approximately **40%** and enhancing overall customer experience.
- Built a product carousel UI in AiCodePro **chatbot**, improving product discovery by **35%** and user engagement by **25%**.

PROJECTS

The Store : *github* | *demo*

- Implemented **OAuth 2.0 Authentication**, enabling **100%** secure user sign-ins and reducing manual login friction.
- Created advanced multi-filter functionality allowing customers to filter products by category, price, and ratings, resulting in a **40%** faster product discovery experience.
- Integrated **Razorpay** Payment Gateway for a seamless checkout process, enabling **99%** successful transactions with an average checkout time under **20** seconds.
- Optimized performance with **React.js**, **Context API**, and **useReducer**, reducing page load time by **45%**.

DrawBoard : *github* | *demo*

- Developed a collaborative whiteboard application using **React.js**, **Canvas API**, and **Socket.IO**, enabling real-time drawing sync across multiple clients.
- Programmed **6+** interactive tools (draw, erase, undo, redo, clear, download) with customizable brushes supporting **6 colors** and adjustable sizes (**1–30px**).
- Deployed on **Vercel** with optimized frontend rendering, ensuring a **smooth 60fps** drawing experience and reducing **input lag by 40%**.

TECHNICAL SKILLS

Web Development : HTML, CSS, JavaScript, Python, TypeScript
Frameworks : React.js, Next.js, Redux and Redux-Toolkit, Tailwind CSS, BootStrap, Material-UI, Ant-Design
Version Control : Git, VS Code, GitHub, Vercel
AI & Automation : Agentic Flow, AI Agents, Chatbots, Conversational AI

CERTIFICATIONS

Frontend Development Libraries – freeCodeCamp
JavaScript – freeCodeCamp
Web Development Bootcamp – Udemy

React – HackerRank
Python – Udemy