

AMAN KHANNA

Full-Stack Developer | UI/UX Designer | AWS & DevOps

✉ aamankhanna1112@gmail.com 🔗 My Portfolio 🔗 LinkedIn 🔗 GitHub

PROFILE

I am a full-stack developer passionate about building scalable and user-centric web applications. With expertise in Next.js, React, Node.js, AWS, DevOps, Graphic design, and modern web technologies, I specialize in creating seamless digital experiences by integrating functionality with intuitive UI/UX design. Driven by problem-solving and optimization, committed to delivering high-quality, impactful applications.

EXPERIENCE

Full Stack Developer

DiGiLABS

08/2025 – Present
Lucknow, U.P

- Assisting in the development of **DigiSchool**, an EdTech PWA, focusing on smoother performance and efficient feature delivery.
- Implemented **Redis-based caching**, reducing page load time by **~30%** and improving overall responsiveness.

Development Intern

Kalibroida Technology Solutions

08/2023 – 12/2023
Pune, Maharashtra

- Developed and integrated a **smart cargo management system** using AR and OCR for real-time space optimization.
- Implemented API integration and backend functionalities using Node.js and Angular.js to streamline operations.

Internship

GEMA Education Technology Private Limited

01/2022 – 03/2022
Remote

- Contributed to visual identity development for educational materials and digital platforms, collaborating cross-functionally and using Adobe Creative Suite (Photoshop, Illustrator, InDesign) for high-quality graphic production.

PROJECTS

Student Management System PWA

2025

<https://github.com/aman-X-code/StudentApp>

Developed a Progressive Web Application for an education portal using React, TypeScript, Vite, and Tailwind CSS, featuring context-aware AI integration (Gemini API) and advanced offline support via custom service worker caching. Tackled security and real-time notification challenges through backend API proxying and modular React hooks.

AI-Powered Task Management System

2025

<https://github.com/aman-X-code/AI-Task>

AI-powered task management is a web app built with Next.js, Tailwind CSS, and Supabase, enabling real-time task operations and authentication. It leverages Google's Generative AI for natural language understanding, with a modern, animated UI built using Radix, Shadcn UI, Framer Motion, and Recharts.

Calendar-Sync

2025

<https://github.com/aman-X-code/Calendar-Sync>

Developed a Calendar Sync application with Google SSO integration for seamless authentication and event management. Implemented calendar views, task creation, and Google Calendar synchronization to enhance scheduling.

Food Court Management System

2024

<https://github.com/aman-X-code/Food-Court>

Developed a Food Court Management System using Next.js and React to streamline on-campus food selection. Designed a user-friendly interface for browsing food options, enhancing accessibility and convenience. Ensured a responsive and seamless experience across devices.

Metro-Route-Wizard

2024

<https://github.com/aman-X-code/Metro-Route-Wizard>

Developed Metro Route Wizard, a web application for efficient metro navigation using the Dijkstra algorithm to find the shortest route with minimal distance and interchanges. Built with Next.js, React, Node.js, and Tailwind CSS, ensuring a responsive and user-friendly experience with real-time route suggestions.

SKILLS

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|-------------------------|-----------------------|--------------|
| • HTML | • CSS | • JS |
| • React.js | • Node.js | • Next.js |
| • Express.js | • RESTful APIS | • Typescript |
| • AWS (EC2, S3, Lambda) | • CI/CD (Git, GitHub) | • C/C++ |
| • Adobe Creative Suite | • Figma | • Blender |

EDUCATION

Vellore Institute of Technology <i>B.Tech in Computer Science Engineering</i>	2021 – 2025 Chennai, Tamil Nadu
Macro Vision Academy <i>12th</i>	2020 – 2021

CERTIFICATION

NPTEL Emotional Intelligence, Public Speaking	Python and AI Bootcamp Google, Microsoft, AWS Dev Town
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