

Himanshu Maurya

Full Stack Developer

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GitHub

Portfolio

EDUCATION

Master of Computer Applications (MCA)

2025 – 2027

Maharishi University of Information Technology

Bachelor of Computer Applications (BCA)

2021 – 2024

University of Allahabad · CGPA: 7.8/10

EXPERIENCE

Freelance Web Developer | Self-Employed

2026 – Present

- Built and delivered client tools including a **Pitch Changer**, **JSON Formatter** and **Poster Maker**, handling end-to-end development from design to deployment.
- Implemented advanced features using **Fabric.js** (canvas-based poster editor), **WaveSurfer.js** (audio waveform rendering), and other specialized libraries to meet client-specific requirements.

Software Development Intern | Thinkers Corporation Pvt. Ltd.

Jan 2025 – May 2025

- Designed and developed a responsive landing page using TailwindCSS ensuring cross-device compatibility.
- Integrated third-party APIs into the frontend, connecting to backend services and enabling dynamic functionality.
- Built a real-time messaging system using Socket.io for WebSocket communication and Zustand for state management.

PROJECTS

CodeBeta [\[Link\]](#)

Aug 2026

Tech: React.js, Zustand, Express.js, PostgreSQL, Judge0, Monaco Editor

- Built a Monaco Editor-powered coding environment with Judge0 integration, enabling multi-language code compilation, execution, test-case evaluation, and submission verdicts.
- Designed and implemented RESTful APIs using Node.js and Express.js with PostgreSQL and Prisma, covering authentication, problems, submissions, discussions, contests, user progress, and platform operations.
- Implemented secure authentication and application security measures including JWT-based authorization, input validation, rate limiting, CORS configuration, and protected API routes.
- Deployed the production platform using Vercel, Linode, Docker, and Nginx, configuring DNS, HTTPS/SSL, reverse proxying, and production infrastructure for reliable frontend-backend communication.

StudyNotion [\[GitHub\]](#) [\[Live\]](#)

May 2024

Tech: React.js, Node.js, MongoDB, TailwindCSS, JavaScript, Razorpay

- Built a fully functional, responsive EdTech platform enabling users to create, consume, and rate educational content.
- Implemented role-based access for Students and Instructors with secure email verification during registration.
- Instructors can create and manage courses with analytics dashboards; students can purchase courses, stream content, and write reviews.
- Integrated Razorpay for secure payment processing and added Forgot Password and profile editing functionality.

AstraCLI – Agentic AI Terminal Tool [\[GitHub\]](#)

Jan 2026

Tech: Next.js, AI SDK, Prisma, Better-Auth, Express.js

- Built an advanced AI-powered Command Line Interface bringing LLM capabilities directly to the developer terminal.
- Integrated the AI SDK to implement Tool Calling and Agentic Mode, enabling the AI to autonomously execute commands and fetch external data.
- Developed a robust backend architecture using Next.js, Express.js, and Prisma, secured by Better-Auth for strict session management.

TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, Python

Frontend: React.js, Next.js, Redux Toolkit, Zustand, TailwindCSS

Backend: Node.js, Express.js, REST APIs, WebSocket (Socket.io), Redis, Queues

Databases: MongoDB, MySQL, PostgreSQL

AI & LLM: OpenAI SDK, LangChain, RAG, AI SDK, Agentic AI

DevOps & Tools: Git, GitHub, Docker, AWS, Postman, VS Code

CS Fundamentals: OOP, DSA, Operating Systems, DBMS, Computer Networks

ACHIEVEMENTS

- 1st Place — Coding Competition:** Secured first position in a coding competition, demonstrating strong problem-solving and algorithmic thinking under time constraints.
- LeetCode:** Solved **300+** problems across Easy, Medium, and Hard difficulty levels — consistently practicing DSA to sharpen coding skills. [View Profile](#)