

Shiva Gupta

AI Developer | Full Stack MERN Developer | Backend Engineer

shivay8306@gmail.com · github.com/Shivay-98 · linkedin.com/in/shiva-gupta-55033b317/ · India

Summary

Computer Science student focused on building AI-powered products, automation tools, browser extensions, and scalable web applications. Strong experience in FastAPI, React, Node.js, MongoDB, Chrome Extensions, and LLM integrations.

Experience

Backend & Extension Developer — AI Form Filler

2026

- Designed the end-to-end AI workflow architecture, from form parsing to answer generation
- Integrated multiple LLM providers (Gemini, Claude, GPT-4o Mini, Llama) through a unified OpenRouter interface
- Developed core Chrome Extension functionality on Manifest V3, including secure key storage

Full Stack Developer — StudyNotion

2026

- Architected an EdTech platform on the MERN stack with a clean, modular API layer
- Built a JWT-based authentication system with role-based access for students and instructors
- Designed backend REST APIs for courses, sections, and progress tracking; integrated payments

Projects

AI Form Filler — Chrome Extension

AI-powered extension that automatically detects and fills Google Forms using the OpenRouter API and leading LLMs including Gemini, Claude, GPT-4o Mini, and Llama. TypeScript, Chrome APIs, OpenRouter API.

StudyNotion — MERN EdTech Platform

Full-stack platform for course creation, management, and sales, with student and instructor dashboards, JWT auth, payments, and cloud media storage. React, Node.js, Express, MongoDB.

Skills

Languages	C, C++, Python, JavaScript, TypeScript
Frontend	ReactJS
Backend	NodeJS, FastAPI, WebSockets
Databases	MongoDB, SQLAlchemy
Tools / Other	Git, Automation, AI Integration, Chrome Extensions