Anmol Gupta

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Summary

Full-Stack AI Engineer building end-to-end software, with a focus on backend engineering, Generative AI, and agentic systems. Interested in backend development, open-source software, and building practical AI-powered applications.

Education

Mahatma Gandhi Kashi Vidyapith (MGKVP) – JMV Campus *Uttar Pradesh, India*
Bachelor of Computer Applications (BCA) | CGPA: 8.45/10.0 *Aug 2024 – Present*

Relevant Coursework: Data Structures and Algorithms, Programming Fundamentals, Mathematics, Advanced Computing, Web Development, Software Development and Systems.

Experience

Independent *Remote*
Full-Stack AI Engineer *Mar 2026 – Present*

- Building end-to-end software products with a focus on backend engineering, Generative AI, and agentic systems.
- Developing AI-powered applications and backend services, combining modern web technologies with LLM-based workflows.

Hacktoberfest 2026 *Remote*
AI Project Developer / Open-Source Participant *Oct 2026 – Nov 2026*

- Developed functional software projects using open-weight AI models and open-source technologies.
- Participated in time-constrained DEV Community challenges, transforming weekly themes into working applications through rapid prototyping and AI integrations.

Projects

PriceZen | *SaaS, Price Intelligence, Full-Stack Development* *Live*

- Built a competitor price intelligence platform for e-commerce brands to continuously monitor competitor pricing and market movements.
- Developed automated intelligence workflows to identify pricing changes, revenue risks, and competitive opportunities through actionable email alerts and reports.

SnapRecall | *AI, Image Processing, Semantic Search* *Live*

- Built an AI-powered screenshot search application that monitors local screenshot folders, extracts image content in the background, and creates a searchable index.
- Enables natural-language search to retrieve relevant screenshots using remembered text, errors, names, and contextual details.

Ghostbook | *Gemma, Generative AI, Account Intelligence* *Live*

- Built an AI-powered account memory application that organizes online account details, associated emails, usernames, and account recovery information.
- Integrated the open-weight Gemma model to structure unorganized notes, answer account-related questions, and generate reports identifying forgotten accounts.

AI Repo Intelligence | *GitHub, LLMs, Codebase Intelligence* *Live*

- Developed an AI-powered codebase assistant that connects GitHub repositories and enables natural-language question answering about code structure, authentication, and application workflows.

Technical Skills

Languages: C++, Python, C, JavaScript, TypeScript, SQL, Bash

Backend & Systems: FastAPI, REST APIs, PostgreSQL, MySQL, JWT, Authentication, Authorization, OAuth, System Design

Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3

AI / ML: LangChain, RAG, LangGraph, LLMs, Embeddings, Vector Databases, Semantic Search, Scikit-learn

Data Science: NumPy, Pandas, EDA, Feature Engineering, Matplotlib, Seaborn

Developer Tools: Git, GitHub, Docker, Linux