Abhisek Gupta

Product-Focused Software Engineer (Backend-Leaning, Node.js)

Email: abhisekgupta.dev@gmail.com | Portfolio: https://www.abhisekgupta.me | GitHub: https://github.com/abhisekgupta7

Location: Open to Remote / International Opportunities

Professional Summary

Product-focused software engineer with strong backend ownership and end-to-end delivery experience. Skilled in designing backend APIs, authentication systems, relational data models, payment workflows, and media handling pipelines. Experienced in shipping production-grade web systems using Node.js, PostgreSQL, and modern frontend frameworks, with emphasis on correctness, reliability, and real-world failure handling.

Education

Bachelor of Engineering in Computer Engineering

Institute of Engineering (IOE), Purwanchal Campus

Jan 2024 – Feb 2028

Relevant Coursework:

Data Structures & Algorithms, Database Management Systems, Artificial Intelligence, Data Science

Projects

E-Commerce Platform (Merchant-Focused System) -

Tech Stack: Node.js, PostgreSQL, Next.js, TypeScript -https://ecommerce-eta-one-33.vercel.app/

- Designed and implemented a backend-driven e-commerce system with clear separation between UI, APIs, and data layers
- Modeled relational PostgreSQL schemas for users, products, carts, and indexed queries for performance
- Implemented secure authentication and authorization flows to support merchant, admin and customer roles
- Designed scalable image upload and delivery pipelines using ImageKit for product media management
- Deployed production environments with secure secret management and environment isolation

AI-Powered Text Summarization Platform -https://everything-eight-bice.vercel.app/

Tech Stack: Node.js, Next.js, TypeScript, PostgreSQL, OpenAI/ Gemini API

- Designed backend APIs for text ingestion, processing, and summary generation
- Implemented validation, structured error handling, and rate-aware integration with third-party AI services
- Structured backend logic to support future extensions such as usage tracking, analytics, and cost control
- Delivered a production-ready system with clean separation between frontend presentation and backend services

Core Engineering Skills

Frontend , Backend Engineering, Databases & Data Modeling, Media & File Handling, Infrastructure & DevOps, Payments & Integrations.

Achievements & Certifications

Winner – C Language Project Competition

Hackathon Winner – Futuristic Project Category

CS50 Nepal Certificate