

Gaurav Kumar Dev

Profile Summary

Final-year student (graduating July 2025) passionate about learning by building. I've developed and shipped real-world full-stack projects in fast-paced startup environments using technologies like Next.js, Django, MongoDB, and WebSockets. I'm deeply curious about GenAI, LLMs, and emerging tech, and I thrive in collaborative, product-focused teams.

Contact Details

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LinkedIn | Github | LeetCode

Personal Information

Address: Patna, Bihar
Languages: English, Hindi

Skills

- Programming Languages:** JavaScript, Python, Java, C++, TypeScript, C, PHP, R.
- Frontend:** Next.js, React.js, Tailwind, HTML/CSS/JS.
- Backend:** Django, Express.js, Node.js, REST APIs, FastAPI.
- Databases:** MongoDB, SQLite, MySQL, PL/SQL.
- Real-Time Systems:** WebSockets, API Integration, Linux, Git.
- GenAI AI Tools:** LangChain, Pinecone, Weaviate, RAG, Prompt Engineering.
- Other Tools:** GitHub, Postman, Jira, AWS, Azure, Web Scraping

Certifications

Machine-Learning Specialization
AWS Certified Cloud Practitioner
AWS Certified Solutions Architect

Experience

FULL STACK DEVELOPER
Renovatio Designs Solutions (Chennai) Aug 2023–Nov 2023

- Built scalable web apps with Next.js, MongoDB, and Tailwind CSS, improving performance by 40%.
- Reduced backend latency by 25% by optimizing RESTful APIs.
- Collaborated on user-centric design and shipped UI/UX improvements, reducing bounce rates by 30%.
- Enhanced UI accessibility with frontend team, tracking usability feedback for production readiness.

AI DEVELOPER
Dot Agent Technologies (Bangalore) Sep 2023–Feb 2024

- Developed modular Agentic AI workflows for domain-specific use cases in legal and research.
- Implemented Retrieval-Augmented Generation (RAG) with vector databases (Pinecone, Weaviate).
- Contributed to a custom prompt compiler enabling task-based agent coordination and structured responses.

Education

B.TECH IN COMPUTER SCIENCE AND BUSINESS SYSTEMS
Vellore Institute of Technology CGPA: 8.64 2021–2025

SENIOR SECONDARY (XII)
Doon Global School Percentage: 76% 2021

SECONDARY (X)
St. Karen's High School Percentage: 88% 2019

Projects

- EXPENSE TRACKER – FULL STACK WEB APPLICATION
- Built a full-stack application with Django REST, SQLite, and OCR/NLP modules.
 - Implemented document parsing, user-level auth, and analytics dashboards.
 - Used real-world data and deployed for actual users.
 - Tools Used:** Django, REST Framework, SQLite, HTML/CSS/JS
- CODE-FORGE-LIVE – REAL-TIME COLLABORATIVE CODE EDITOR
- Developed a real-time collaborative code editor using Next.js, WebSockets, and Express.js.
 - Added scraping features and ensured smooth multi-user editing experiences.
 - Emphasized performance, real-time sync, and RESTful architecture.
 - Tools Used:** Next.js, Express.js, WebSockets, Tailwind CSS