Harsh Gupta

https://guptaharsh.vercel.app

LinkedIn: https://www.linkedin.com/in/harshguptaaa

LeetCode: https://leetcode.com/u/hedgehoggg/

Email : hgupta1_be23@thapar.edu

Mobile : +91-9359177795

Github: https://github.com/HARSHGUPTA3009

CodeChef: https://www.codechef.com/users/who_me001

EDUCATION

Thapar Institute of Engineering & Technology — *Punjab, India*
Bachelor of Technology in Electronics and Communication Engineering; GPA: 8.53 — *Aug 2023 – July 2027*

Delhi Public School Agra — *Agra, India*
AISCE - 90%, AISSCE - 91.8% — *2009 – 2023*

EXPERIENCE

Glyptika Studios | Django, Python, RESTful API — *Patiala, Punjab*
Backend Development Intern (Stipend Based) — *Apr 2025 – Present*

- Engineered a secure, scalable Django backend with JWT authentication, session handling, and PostgreSQL, powering a VR interior design system for Meta Quest.
- Integrated AI/ML pipelines and Gemini-based layout recommendations, with real-time APIs syncing seamlessly with an Unreal Engine frontend for collaborative 3D design and walkthroughs.

PROJECT

Job Application System | MongoDB, Node, Express, React, APIs, n8n | Link — *June 2025 - July 2025*

- Designed and implemented UniFlow Automation using MERN, n8n, and OpenAI for resume feedback and automated personalized outreach via Google Sheets.
- Reduced manual effort by 80% by generating custom cold emails and cover letters with resume integration, improving candidate targeting efficiency.

RAG GenAI Bot | Gemini API, Node.js, Discord.js, Python, Embeddings | Link — *June 2025 - July 2025*

- Developed a GenAI chatbot that uses chunk-based embeddings for custom data retrieval, accepts user-provided input, and intelligently falls back to Gemini responses when no match is found.
- Integrated real-time message flow via Discord API and enabled file-based and dynamic user uploads to personalize bot memory per session.

Web3 Lending Dapp | Ether, Solidity, Hardhat, React, MetaMask | Link — *June 2025 - July 2025*

- Built a decentralized lending system enabling users to request, fund, and manage peer-to-peer loans with wallet-based authentication.
- Designed a seamless borrowing experience with real-time loan tracking, automated repayments, and transparent transaction records.

PROGRAMMING SKILLS

Languages: Java (DSA), JavaScript, Python, C++, SQL
Technologies: React.js, Tailwind CSS, Redux, Node.js, Express.js, Django, MongoDB, MySQL, REST APIs, JWT, WebSockets, OAuth 2.0, Gemini API, OpenAI API, n8n, Unreal Engine (backend integration)
Tools: Git GitHub, VS Code, Postman, Figma, MongoDB Atlas, Vercel, Render, Replit, Cursor

ACHIEVEMENTS

University Scholarship: Based on my JEE score, I was given a scholarship worth 1,50,900 INR
Certifications: Data Structures and Algorithms, The FullStack Bootcamp 2024, Django 5, Generative AI, GenAI fundamentals, Python Coder, SIH'24 (Top 60 in College)

POSITION OF RESPONSIBILITY

Google Developer Student Clubs| DSA & Web Development Lead | Link — *July 2024 - Present*
IETE Students' Forum, TIET| Web Development Mentor | Link — *July 2024 - July 2025*