

TUSHAR KUMAR BHUSHAN

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Education

Delhi Technological University

B.Tech. in Software Engineering (CGPA of 7.56)

2022 – 2026

New Delhi, India

Experience

PerfecTrans

June 2025 – July 2025

Software Development Engineer Intern

Greater Noida, India

- Architected and delivered a suite of three in-house GenAI tools (summarizer, translator, document QnA), integrating Hugging Face models with robust Python APIs and an intuitive web interface for internal use.
- Drove a **95% reduction** in document processing time by automating manual summarization and analysis tasks, cutting the average time for a complex document from over 20 minutes to under 60 seconds.
- Partnered directly with the company founder to scope requirements and deploy a production-ready **suite of GenAI tools**, enhancing overall team productivity and significantly reducing manual data handling efforts.

Projects

PocketClass : AI-Powered Smart Note-Taking Application

August 2025

Next.js, LangChain, Firebase/Firestore, ShadCN UI, Gemini API

GitHub Demo

- Architected an intelligent note-taking platform leveraging LangChain orchestration with Gemini API, achieving real-time content refinement that transforms casual notes into professional documentation.
- Engineered a production-ready full-stack application using Next.js 14 App Router and Firebase, implementing seamless real-time synchronization across devices with sub-second data persistence.
- Implemented advanced AI prompt optimization and intelligent error handling, delivering consistent 95% success rates.

Kuber: AI Finance Platform

July 2025

Next.js, Supabase, Tailwind CSS, Gemini API, Prisma, Inngest

GitHub

- Built an end-to-end AI-powered finance platform automating receipt scanning and expense tracking (Gemini API).
- Engineered robust backend with Supabase and Prisma ORM for secure, scalable workflows.
- Crafted responsive, clean UI using Next.js and Tailwind CSS for seamless user experience.
- Integrated Inngest for serverless, real-time processing and notifications.
- Enabled users to upload receipts, extract financial data, and monitor transactions efficiently.

Achievements

- Achieved a peak LeetCode rating of **1560** and solved 400+ problems across LeetCode, GFG, and TakeUForward.
- Selected as an **Open Source Contributor** for **GirlScript Summer of Code (GSSoC '25)**.
- Demonstrated significant academic growth and resilience, improving GPA from **5.90 (Semester 1)** to **8.87 (Semester 6)**, showcasing consistent dedication to overcoming challenges.
- Demonstrated leadership in key university roles, serving as **Logistics Coordinator** for Yuvaan fest (30k+ attendees) and as **Corporate Coordinator** for IEEE DTU, securing multiple sponsorships for major tech events.

Technical Skills and Coursework

- **Languages:** C++, Python, JavaScript
- **Technologies/Frameworks/Libraries:** HTML, CSS, Node.js, Next.js, Express.js, MongoDB, React.js, RESTful API, Firestore, Firebase, ShadcnUI, SQL
- **Tools:** Git, VS Code, StarUML
- **Courses:** Object Oriented Programming, Operating Systems, Object Oriented Software Engineering, DBMS, Data Structure, Computer Networks

Extra-Curricular Activities

- Secured **1st place** in National Level Essay Writing Competition organized by Bharat Petroleum Corporation; consistently ranked top in various zonal competitions, showcasing exceptional writing and critical thinking skills.
- Served as a mentor for **four 10th-grade** students under the Govt. of NCT of Delhi's 'Desh Ke Mentor' program, providing structured guidance on career exploration, goal setting, and academic strategies.