Anushka Gupta

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Education

Vellore Institute of Technology   *Oct 2022 – May 2026*
Bachelor's in Technology - Computer Science and Engineering   *CGPA: 8.64*

Skills

Languages: Java, JavaScript, Python, SQL
Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, RESTful APIs , jQuery
Tools & Platforms: Generative AI, AWS, Docker, Jenkins, Git/GitHub, Linux, Postman, Figma, CI/CD , Ms Excel
Areas of Interest: Backend Engineering, System Design, High-Performance Systems, LLMs

Projects

KYC Lightweight App – Digital Onboarding Solution   *Tech: React Native, Node.js, Vercel*
- Engineered a **digital KYC solution** for rural users, boosting adoption by **40%** by integrating **DigiLocker API & OpenCV**.
- Improved **conversion rate by 35%** and cut **verification time by 25%** through a trust-focused onboarding flow.
- Deployed on **AWS** with full compliance documentation, achieving a **30% increase in user acquisition**.

MediFlow: Smart Supply, Seamless Care   *Tech: React.js, Node.js, Express.js, MySQL*
- Built a **hospital supply tracking system** with automated alerts that **reduced stockouts by 30%** for facilities.
- Designed real-time dashboards via **RESTful APIs**, boosting stock visibility by 25% and **cutting manual errors by 40%**.
- Optimized resource management ensuring **100% availability** of critical supplies, enhancing staff efficiency by **20%**.

BEATWELL: Heart Disease Prediction System   *Tech: TypeScript, Python, Flask, AWS, XGBoost*
- Implemented a **prediction web app** using **Random Forest** that achieved ∼**87% accuracy** on the UCI dataset.
- Integrated **CI/CD pipelines via GitHub**, trimming **deployment errors by 30%** and ensuring consistent version control.
- Built a real-time inference system deployed via **AWS Amplify** for cross-device actionable risk assessment.

Certifications

- **McKinsey Forward Program** – November 2025
- **Japanese-Language Proficiency Test (JLPT) N5** – August 2025
- **Adobe UI/UX Graphic Design** – Ethnus, April 2025
- **Figma UI/UX Complete Bootcamp** – Udemy, January 2025

Achievements

- **Awarded the Reliance Foundation Scholarship after scoring in the top 1%** of applicants nationwide and demonstrating exceptional leadership potential across 5+ extracurricular activities.
- **Volunteering:** Active volunteer in University fest AdVITya 2023/2024, and NayePankh Foundation.
- **Languages:** Fluent in English, Hindi, and Japanese (JLPT N5 certified).
- **Key Competencies:** Agile/Scrum Methodologies, Stakeholder Engagement, SDLC Management, Cross-Functional Collaboration.