

Anushka Gupta

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Education

Vellore Institute of Technology
Bachelor's in Technology - Computer Science and Engineering

Oct 2022 – May 2026
CGPA: 8.64

Skills

Languages: Java, JavaScript, Python, SQL
Frameworks & Libraries: React.js, Node.js, Express.js, RESTful APIs, jQuery
Tools & Platforms: AWS, Docker, Jenkins, /GitHub, Linux, CI/CD
Areas of Interest: Generative AI, LLMs, RAG Pipelines, AI System Design

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

- Databricks – Generative AI Fundamentals** – December 2025
- McKinsey Forward Program** – December 2025
- Japanese-Language Proficiency Test (JLPT) N5** – August 2025
- Adobe UI/UX Graphic Design** – Ethnus, April 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).