

# Anushka Gupta

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## Education

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### Vellore Institute of Technology (VIT)

Oct 2022 – May 2026

Bachelor of Technology – Computer Science and Engineering  
CGPA: 8.64

## Technical Skills

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**Primary Language:** Java

**Backend Technologies:** Java (Core, OOP, Collections), Node.js, Express.js, RESTful APIs

**Databases:** MySQL (schema design, joins, indexing, transactions)

**Cloud & DevOps:** AWS (EC2, Amplify), Docker, Jenkins, CI/CD Pipelines, Linux

**Backend Concepts:** API Design, Authentication & Authorization, Data Validation, Error Handling, System Design Basics

**Tools:** Git/GitHub, Postman

## Projects

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### KYC Lightweight App – Backend Identity Verification System

*Tech: Java, Node.js, Express.js, AWS*

- Designed and implemented secure REST APIs for user onboarding, document verification, and application status tracking.
- Integrated DigiLocker APIs and OpenCV-based verification pipelines, reducing manual checks by 25%.
- Implemented server-side validation, structured error handling, and request logging for reliability.

### MediFlow – Backend Hospital Supply Chain Management System

*Tech: Java, Node.js, Express.js, MySQL*

- Architected backend services for inventory management and automated low-stock alerts.
- Designed normalized MySQL schemas for supplies, transactions, and audit logs.
- Built RESTful APIs enabling real-time inventory updates, reducing stockouts by 30%.
- Optimized backend workflows to improve operational efficiency by 20%.

### BEATWELL – Backend ML Inference Platform

*Tech: Java, Python (Flask), AWS*

- Developed backend APIs to serve machine-learning predictions with real-time request handling.
- Implemented data preprocessing, validation, and response serialization.
- Deployed scalable backend services on AWS using CI/CD pipelines.

## Certifications

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- McKinsey Forward Program – November 2025
- Japanese-Language Proficiency Test (JLPT) N5 – August 2025

## Achievements & Activities

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- Reliance Foundation Scholar – Top 1% of applicants nationwide.
- Active volunteer at AdVITya (University Cultural Fest) and NayePankh Foundation.
- Languages: English, Hindi, Japanese (JLPT N5).

## Career Interests

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Backend Engineering | Java Development | API Design | Scalable Systems | Cloud-Based Applications