






# Deepam Goyal

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## Education

**Vellore Institute of Technology**, Bhopal, M.P. Expected July 2026  
B.Tech in Computer Science Engineering (Cyber Security & Digital Forensics)

- Cumulative GPA: 8.76/10

**Amity International School**, Noida, U.P. Jul 2022  
12th Standard (CBSE)

- Percentage: 87.2%

**Amity International School**, Noida, U.P. May 2020  
10th Standard (CBSE)

- Percentage: 92%

## Technical Skills

**Programming Languages:** Java, Go, Python, SQL, javascript

**Backend & API Development:** Spring Boot, gRPC, GraphQL, REST APIs, Node.js, Express.js, Prisma

**Frontend Development:** React.js, HTML5, CSS3, JavaScript, Tailwind

**Databases & Storage:** PostgreSQL, MongoDB, Redis, SQLite, H2

**Cloud & DevOps:** AWS, Docker, Git, Linux CLI

## Projects

**Hostel Mess Management System** |  Link Jul 2025

**Tech:** Java 17, Spring Boot, JPA/Hibernate, REST APIs, H2 DB

- Built Spring Boot application handling 100+ menu/feedback/complaint records with REST APIs.
- Designed layered architecture with DTOs, services, and repositories, reducing code duplication by 30%.
- Enforced input validation, logging, and unit tests, increasing test coverage to 85% and cutting runtime errors by 40%.

**Raksha - Behavioral Biometrics Banking Security** |  Link Jun 2025


**Tech:** Flutter, Python, TensorFlow, AWS, Firebase, FastAPI

- Engineered behavioral biometrics authentication system with 95% accuracy and <1s inference.
- Developed autoencoder models lowering false positives to 3–5% in anomaly detection.
- Deployed full-featured Flutter banking app with secure AWS cloud ML pipeline.

**Go Multi Microservices Backend** |  Link Feb 2025

**Tech:** Go, gRPC, GraphQL, PostgreSQL, Elasticsearch, Docker

- Designed microservices-based e-commerce backend with 3 core services and GraphQL gateway
- Delivered a high-performance gRPC communication layer, cutting inter-service latency by 40%.
- Optimized data workflows using PostgreSQL and Elasticsearch, achieving 300ms average product search time.

**Real Estate Website** |  Link | Demo Jan 2025

**Tech:** React.js, Node.js, Express.js, Prisma, MongoDB

- Created property listing platform with 500+ listings, improving page load by 35%.
- Implemented REST APIs with Express.js, secured with Auth0 role-based access.
- Reduced fetch latency by 60% using Prisma ORM and React Query.

## Achievements & Certifications

- Selected among top 105 teams out of 4000+ in the Canara Bank SuRaksha Cyber Hackathon 2025.
- 51<sup>st</sup> out of 300 teams – Apoorv IIIT Kottayam CTF 2024.
- Completed 100 Days of Code and solved 250+ problems on LeetCode.
- Devops Fundamentals Certificate by IBMCE
- Certified Ethical Hacker (CEHv12) – EC-Council.