

# Deepam Goyal

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## Education

<b>Vellore Institute of Technology</b> , Bhopal, M.P. B.Tech in Computer Science Engineering (Cyber Security & Digital Forensics)	Expected July 2026
• Cumulative GPA: 8.76/10	
<b>Amity International School</b> , Noida, U.P. 12th Standard (CBSE)	Jul 2022
• Percentage: 87.2%	
<b>Amity International School</b> , Noida, U.P. 10th Standard (CBSE)	May 2020
• Percentage: 92%	

## Technical Skills

<b>Programming Languages:</b> Java, Go, Python, SQL, javascript
<b>Backend &amp; API Development:</b> Spring Boot, gRPC, GraphQL, REST APIs, Node.js, Express.js, Prisma
<b>Frontend Development:</b> React.js, HTML5, CSS3, JavaScript, Tailwind
<b>Databases &amp; Storage:</b> PostgreSQL, MongoDB, Redis, SQLite, H2
<b>Cloud &amp; DevOps:</b> AWS, Docker, Git, Linux CLI

## Projects

<b>Hostel Mess Management System</b>    <a href="#">Link</a>	Jul 2025
<b>Tech:</b> 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%.	
<b>Raksha - Behavioral Biometrics Banking Security</b>    <a href="#">Link</a>	Jun 2025
<b>Tech:</b> 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.	
<b>Go Multi Microservices Backend</b>    <a href="#">Link</a>	Feb 2025
<b>Tech:</b> 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.	
<b>Real Estate Website</b>    <a href="#">Link</a>   <a href="#">Demo</a>	Jan 2025
<b>Tech:</b> 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.