

# 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: 8.74/10	
<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

- **Programming Languages:** Java, Go, Python, SQL
- **Backend and Frameworks:** Spring Boot, gRPC, GraphQL
- **Databases and Storage:** PostgreSQL, Elasticsearch, Redis, MongoDB
- **DevOps and Tools:** Docker, Git, Linux, Kafka, Postman
- **Frontend:** HTML, CSS, React JS

## Projects

<b>FluxShare, Secure File and Content Sharing System</b>   <b>Tech:</b> Java, Spring Boot, React JS, PostgreSQL	Sep 2025
• Built a full stack platform that lets users share files, text, and code with encryption and flexible expiry controls.	
• Added view once mode, password access, rate limiting, and cleanup for outdated shares.	
• Designed REST APIs for uploads, previews, metadata checks, and ZIP downloads.	
• Developed a responsive React JS interface for uploads, code highlighting, and QR sharing.	
<b>Ticketx - Ticket Booking Backend</b>   <b>Tech:</b> Java, Spring Boot, Kafka, PostgreSQL	Aug 2025
• Developed a scalable backend for event creation, seat management, and user bookings using an event driven architecture.	
• Implemented Kafka based asynchronous booking to ensure concurrency safe seat allocation without race conditions.	
• Applied rate limiting across sensitive endpoints to enhance system resilience during high traffic.	
• Added rigorous concurrency and integration tests to verify system behavior under load.	
<b>Go Based Microservices E-Commerce Backend</b>   <b>Tech:</b> Go, gRPC, GraphQL, PostgreSQL, Elasticsearch, Docker	July 2025
• Designed a microservices driven e commerce backend with three core services and a GraphQL gateway.	
• Delivered a fast gRPC communication layer that reduced inter service latency by about 40%.	
• Improved data workflows through PostgreSQL and Elasticsearch, reaching an average search time of 300ms.	

## Achievements & Certifications

- Completed the 100 Days of Code challenge and solved 300+ problems on LeetCode.
- Agile Methodologies Certificate, IBM Career Education Program.
- DevOps Fundamentals Certificate, IBM Career Education Program.
- Selected among top 105 teams out of 4000+ in the Canara Bank SuRaksha Hackathon 2025.
- Contributed to multiple open-source projects with 500+ stars and successfully merged 20+ pull requests.