






# 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: 8.74/10

**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
- **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

**FluxShare, Secure File and Content Sharing System** | Sep 2025

**Tech:** Java, Spring Boot, React JS, PostgreSQL

- 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- Added view once mode, password access, rate limiting, and cleanup for outdated shares.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.

**Ticketx - Ticket Booking Backend** | Aug 2025

**Tech:** Java, Spring Boot, Kafka, PostgreSQL

- 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.

**Go Based Microservices E-Commerce Backend** | July 2025

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

- 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.