

# Souvik Jana

+919832981311 | [souvikj572@gmail.com](mailto:souvikj572@gmail.com) | [Linkedin](#) | [GitHub](#) | [Leetcode](#) | [CodeForces](#) | [CodeChef](#) | [GeeksforGeeks](#)

## EDUCATION

### JIS College of Engineering

Bachelor of Technology in Computer Science and Engineering

CGPA-9.02/10

Aug. 2022 – May 2026

## EXPERIENCE

### Internship — Amazon(Onsite)

Jul 2025 - Dec 2025

Programmer/Analyst Intern (L4)

- \* Executed multi-region AWS service migration (**DUB → ZAZ → FRA**) ensuring high availability and zero-downtime rollover.
- \* Managed and validated **AWS deployment pipelines (CI/CD)** during regional migrations, ensuring smooth rollouts, automated checks, and consistent deployment quality.
- \* Worked with core AWS services: **EC2, ECS, S3, CloudWatch, VPC, Lambda, Fargate, Profiler, Keymaster, Superstar, and Supernova** to support internal service reliability and performance.
- \* Conducted end-to-end **API validation**, traffic shift testing, and deployment verification during regional cutovers.

### Team Lead — Binary Hackathon

Mar 29 - 30 , 2025

Project: Skill Bloom — Educational Website with Gamification Features

- \* Led a 4-member team in the Binary Hackathon to design and develop Skill Bloom, an educational platform where students can explore multiple courses.
- \* Directed backend development and coordinated team timelines to deliver a full working prototype within 48 hours.

## PROJECTS

### Two-Player Chess Game | MERN , WebSockets

- \* Built a real-time, two-player chess game with turn-based logic and move validation.
- \* Used WebSockets (Socket.io) for live communication and real-time game updates.
- \* Designed an interactive drag-and-drop chessboard UI with React.
- \* Added game history tracking and error-handling mechanisms for a seamless experience.

### Student Management System | MERN

- \* CRUD-based student record management with role-based access for admins, teachers, and students.
- \* Implemented role-based access control (RBAC) for admins, teachers, and students.
- \* Integrated JWT authentication for secure user login and session management.
- \* Interactive dashboard for visualizing academic insights.

## TECHNICAL SKILLS

**Languages:** Java, C/C++, Python, JavaScript, TypeScript, SQL

**Web Technologies:** HTML, CSS, React, Node.js, Express.js, MongoDB, Angular

**Cloud and DevOps:** AWS (EC2, ECS, Lambda, Fargate, S3, CloudWatch, VPC), CloudFormation, CI/CD Pipelines, Deployment Pipelines, API Testing, Traffic Shift Testing

**Developer Tools:** Git, VS Code, IntelliJ IDEA, Jupyter Notebook

**Libraries:** C++ STL, pandas, NumPy, Matplotlib, Three.js

## ACHIEVEMENTS

### • Competitive Programming:

- \* **Codeforces:** Specialist (Max Rating: **1567**), Rank 1469 in Contest 1032.
  - \* **CodeChef:** 4\* (Max Rating: **1868**), Rank **125** in Weekly Contest 212(Div-2).
  - \* **GeeksforGeeks:** 4\* (Solved 900+ problems)
  - \* **LeetCode:** Solved 900+ problems, Rank 1893 in Weekly Contest 407
  - \* **Coding Ninjas:** Rank 10 in Weekly Contest 177
- \* **Academics:** Scored **91.4%** in Class X and **89%** in Class XII, GATE'25 qualified.