Amit Gunjan Jha

Kolkata, West Bengal

📞 +91-6290660611 ✉ amitgunjanjha799@gmail.com in Linkedin ○ Github ‹ LeetCode 🏅 Codechef

EDUCATION

Vellore Institute of Technology, Bhopal   **2022 – 2026**
B.Tech - Computer Science and Engineering - ***CGPA - 8.75***   *Bhopal, Madhya Pradesh*

PROJECTS

Datadrop - Direct File Sharing ⧉ | Java, Spring Boot, Socket Programming, AWS Lightsail   **2025**
- Architected a scalable P2P platform (Java/Next.js), slashing transfer latency 50% with direct transfers.
- Engineered a real-time socket server to broker P2P connections, ensuring a 99% session success rate.
- Automated the Docker deployment pipeline to AWS Lightsail, reducing deployment time by 40%.

File Cloak - Command-Line Vault ⧉ | Java, JDBC, SQL, JavaMail API   **2025**
- Engineered a secure Java vault using JDBC and SQL, guaranteeing 100% data integrity for all hidden files.
- Implemented a secure user account integrity with a JavaMail API-based MFA and OTP verification module.
- Developed a fault-tolerant CLI with robust error handling, improving user task completion rates by 30%.

Multithreaded Web Server ⧉ | Java, Multithreading, Socket Programming, Apache JMeter   **2025**
- Engineered a Java HTTP server from scratch to handle 1,000+ concurrent requests with low latency.
- Implemented a multithreaded architecture, slashing average response time by 99% (from 1700ms to 15ms)
- Validated server scalability with JMeter, achieving a 15ms average response time under heavy load testing.

TECHNICAL SKILLS

Languages : Java, C++, SQL
Fundamentals: Data Structures & Algorithms, Object-Oriented Programming (OOP)
Databases: MySQL, MongoDB, PostgreSQL
Backend Frameworks: Spring Boot, JUnit, Mockito
Cloud (AWS): EC2, S3, RDS, IAM, Elastic Beanstalk, Route 53
DevOps & CI/CD: Docker, Kubernetes, Terraform, NGINX, GitLab
Developer Tools: Git, Maven, Apache JMeter, Postman

ACHIEVEMENTS

- Selected in the **top 0.10 %** nationwide to represent **West Bengal** at the national **Viksit Bharat Young Leaders Dialogue 2025**
- Attained a maximum LeetCode contest rating of **1700+**
- Achieved a CodeChef contest rating of **1400+** and attained **2**-star coder recognition
- Secured a **Global Rank** of **578** out of 32,000+ participants in LeetCode Weekly Contest 458.

CERTIFICATIONS

- GitHub Foundations (GitHub)
- AWS Academy Cloud Foundations (AWS)
- AWS Academy Cloud Architecting (AWS)
- DevOps Fundamentals(IBM)
- Devops, Agile & Design Thinking (IBM)

EXTRACURRICULAR

- Policy Contributor (Sustainability), Viksit Bharat Working Group 8   *Feb 2025–Jul 2025*