

# Simran Verma

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## EDUCATION

### Vellore Institute of Technology

Bachelor of Technology

May 2026

- Graduation in Computer Science and Engineering.
- Cumulative GPA: 8.70/10

## PROFILE SUMMARY

Results-driven Java Full-Stack Developer (GPA: 8.7) with expertise in Spring Boot, Microservices, and System Design. Developed 3+ high-impact applications with 30-35% performance improvements. Top 5% competitive coder (LeetCode 1850+ rating) with 5 certifications. Proven leader in tech and sports (managed teams of 50+). Passionate about scalable architecture and mentoring peers.

## PROJECT EXPERIENCE

### Bank Secure Pro (Java Full-Stack Banking System) | Java / Spring Boot / MySQL / AWS EC2 / Jan 2024 - Present

- Developed end-to-end banking solution handling 1,000+ concurrent users, improving transaction speed by 35%.
- Designed normalized MySQL schema with JDBC integration, reducing query latency by 20%.
- Implemented JWT-based authentication using Spring Security, decreasing security breaches by 25%.
- Deployed on AWS EC2 with CI/CD pipeline (Docker + Jenkins).

### GlobalFX Converter (Real-Time Currency Platform) | JavaFX / REST APIs / MongoDB / Nov 2023 - Dec 2023

- Integrated 5+ financial APIs (Exchange Rate, Fixer) supporting 150+ currencies with 20% accuracy boost.
- Optimized performance by 30% via Redis caching and connection pooling.
- Built input validation module reducing application crashes by 15%.

## ACHIEVEMENTS

### Technical Lead- AdVITya 2024Sports Fest

- - Led 15-member dev team to build registration portal (Node.js + React) for 2,000+ participants.
- - Secured ₹3,00,000 sponsorship from Amazon/Pepsi through live tech demonstrations

## CERTIFICATIONS

- Java + DSA Certification (Apna College) | June 2023
- HackerRank Gold Badge (Java) | 2023
- HackerRank Gold Badge (SQL) | 2024

## Competitive Programming:

- Top 5% LeetCode (150+ days streak, Max Rating: 1850)
- 5-star CodeChef

## TECHNICAL SKILLS

**Programming Languages:** Java (Expert), JavaScript, Python

**Backend Technologies:** Spring Boot, Hibernate, Microservices, REST APIs

**Frontend Technologies:** React.js, HTML5, CSS3, JavaFX

**Databases & Cloud:** MySQL, MongoDB, AWS (EC2, S3)

**Tools & Practices:** Git, Docker, CI/CD, Agile/Scrum