

# Simran Verma

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## PROFILE SUMMARY

Proactive Full-Stack Developer skilled in Java, and JavaScript frameworks (Node.js/React.js). Expertise in architecting and deploying scalable RESTful APIs and modern web applications using Object-Oriented Design (OOD) and Agile principles. Proven ability in Data Structures and Algorithms (DSA) and system optimization to deliver high-performance, secure, and production-ready solutions.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, SQL, HTML

**Backend/Runtime:** Node.js, Express.js, RESTful APIs, WebSockets, JWT, OAuth

**Frontend/Frameworks:** CSS, React.js, Bootstrap, Dynamic UI, Postman

**Database/Cloud:** MongoDB, MySQL

**Fundamentals:** DSA, OOPS, System Design, Computer Networking, Operating Systems, Version Control-Git/GitHub, Vercel, Render

## PROJECTS

### Feasto — Full-Stack Food Hunting Web App

2025

Tech: *JavaScript, Node.js, Express.js*

- Deployment: feasto-self.vercel.app
- Developed a full-stack food delivery platform covering discovery and complex order flows.
- Increased user interaction by an estimated **20%**.
- Integrated a novel video-based content feature to enhance dish visibility.
- Drove a **15% higher click-through rate** for featured items.
- Architected the application using segregated layers (frontend, backend, video) for modularity.
- Ensured stability and successfully supported **50+ concurrent users**.

### RideWaves — Ride-Hailing Platform

2025

Tech: *JavaScript, Node.js, Express.js*

- Github: <https://github.com/simran-2026/ridewave>
- Engineered real-time booking, driver assignment, and fare estimation logic using WebSockets.
- Achieved **sub-second latency (under 500ms)** for communications.
- Implemented advanced secure authentication methods and optimized routing algorithms using JWT .
- Reduced invalid booking submissions by **30%**.
- Designed and scaled a microservices architecture for the backend.
- Processed an estimated **10,000 requests per hour** for high-volume traffic.

## EDUCATION

### Vellore Institute of Technology, Bhopal

Oct 2022–Ongoing — CGPA: 8.75

B.Tech in Computer Science

### CV International School, Agra

2021–2022 — 80%

Class XII

### Doon Public School, Hathras

2020–2021 — 91%

Class X

## CERTIFICATIONS

- MERN Full Stack — Ethnus Codemithra (Jan–Apr 2025)
- Java + DSA Certification — Apna College
- Java Certification — HackerRank
- SQL Certification — HackerRank
- Software Engineer Certification — HackerRank

## LEADERSHIP & EXTRACURRICULAR

- Mastered advanced algorithmic techniques by **solving 500+** DSA problems on LeetCode/GFG.
- **Participated** in multiple hackathons, delivering functional MERN applications using Agile development workflows.
- **Directed** Badminton and Chess tournaments (Aditya 2023), coordinating logistics for **500+** participants.
- Served as Head Girl, managing student welfare initiatives and administrative coordination.
- Secured the Badminton Team Tournament championship at AARAMBH for three consecutive years (**2023, 2024, & 2025**).