Simran Verma

Full-Stack Developer (MERN) · Python · Web Applications · Java & DSA Enthusiast

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PROFILE SUMMARY

Detail-oriented Full-Stack Developer skilled in Java, JavaScript, Python, Node.js, and REST APIs. Experienced in building scalable systems, debugging complex issues, and implementing secure authentication using Object-Oriented Design and Agile Development. Strong in Data Structures and Algorithms (DSA), modular coding, and delivering reliable Web Applications aligned with production-grade engineering standards for Fast Release Cycles.

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

PROJECTS

Feasto — Full-Stack Food Delivery App *2025*
Tech: JavaScript, Node.js, Express.js

- Engineered a full-stack food-delivery platform supporting restaurant discovery, order flows, and Dynamic UI.
- Designed and integrated a video-based reels feature improving user engagement and dish visibility.
- Structured modular `frontend/`, `backend/`, and `videos/` layers for scalable development.
- **Deployment:** feasto-heigq6yfb-vermasimran327-gmailcoms-projects.vercel.app

RideWave — Ride-Hailing Platform *2025*
Tech: JavaScript, Node.js, Express.js

- Developed booking, driver assignment, fare estimation, and live tracking workflows using WebSockets for Real-Time Communication.
- Implemented secure authentication, optimized routing logic, and standardized REST APIs.
- Engineered modular backend services improving reliability and reducing latency for a High-Volume Application.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python (Basic), SQL, HTML, CSS

Backend/Runtime: Node.js, Express.js, REST APIs, WebSockets, Real-Time Communication, Event Loop (Node.js)

Frontend/Frameworks: React.js, Bootstrap, Dynamic UI, Single-Page Applications (SPA)

Database/Cloud: MongoDB, MySQL, MongoDB Atlas, JWT, Database Normalization, Data Modeling

Fundamentals/Practices: Data Structures & Algorithms (DSA), Object-Oriented Design (OOP), System Design/Architecture, Linux/Unix Fundamentals, Network Protocols (TCP/IP, HTTP/S), XSS/CSRF Prevention, Agile Development, Version Control (Git/GitHub)

CERTIFICATIONS

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

LEADERSHIP & EXTRACURRICULAR

- Lead Badminton & Chess tournaments at Advitya 2023 with 500+ participants.
- Served as Head Girl, managing student initiatives and administrative coordination.
- Won Badminton Team Tournament at AARAMBH (VIT Bhopal) in 2023 ,2024 & 2025.
- Participated in hackathons delivering backend-centric MERN applications using Agile Development principles.
- Solved 500+ DSA problems on LeetCode/GFG, enhancing algorithmic proficiency.