Ayush Shivhare

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Education

Vellore Institute of Technology, Vellore	**Sep 2022 – Present**
B.Tech in Computer Science and Engineering – CGPA: 7.74/10	*Vellore, India*

Apex International School, Jaipur	**Apr 2020 – Aug 2021**
Class XII (CBSE)	*Jaipur, India*

St. Joseph School, Mahoba	**Apr 2018 – Mar 2019**
Class X (CBSE)	*Mahoba, India*

Academic Coursework

Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management Systems (DBMS), Artificial Intelligence, Object-Oriented Programming, Web Development, Foundation in Data Science and Big Data Analytics.

Virtual Internships

Data Analytics Job Simulation — **Jan 2026**
Deloitte — *Verify*
- Cleaned, analyzed, and interpreted business datasets to generate meaningful insights.
- Applied data analytics techniques in forensic and investigation-based case studies.

Technology Job Simulation — **Jan 2026**
Deloitte — *Verify*
- Completed coding and development tasks based on real-world industry scenarios.
- Solved technical problems using programming logic, debugging, and optimization skills.

Projects

Driver Drowsiness Detection System — **GitHub**
- Built real-time driver monitoring system using computer vision and Eye Aspect Ratio (EAR).
- Implemented face and eye landmark detection with alerts for prolonged eye closure.
- Designed system modules for data acquisition, feature extraction, and classification.
- Used Python, OpenCV, Dlib, and machine learning techniques.

Video Meeting Application — **2025**
- Developed real-time video calling application with user authentication.
- Implemented audio-video streaming and chat features.
- Built meeting creation and joining system.
- Used web technologies and backend services.

Skills

Programming Languages: Python, JavaScript, C, C++, Java (Basic)
Frontend Technologies: HTML, CSS, ReactJS, Tailwind CSS, Next.js
Backend Technologies: Node.js, Express.js, SQL, MongoDB
Other Tools/Technologies: Git, Postman, TypeScript, Docker, CI/CD Pipelines

Extracurricular Activities

CORE Member – Institution of Engineers (IE(I)) — **2023 − 2025**
- Led and managed multiple technical and non-technical events.
- Organized and supported hackathons and large-scale student activities.

Certifications

Oracle Data Platform 2025 Certified Foundations Associate	**Certificate**
Oracle Analytics Cloud 2025 Certified Professional	**Certificate**
AWS Certified Cloud Practitioner (2025)	**Certificate**