

# AYUSH SHIVHARE

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## Education

<b>Vellore Institute of Technology, Vellore</b> <i>B.Tech in Computer Science and Engineering – CGPA: 7.74/10</i>	<b>Sep 2022 – Present</b> <i>Vellore, India</i>
<b>Apex International School, Jaipur</b> <i>Class XII (CBSE)</i>	<b>Apr 2020 – Aug 2021</b> <i>Jaipur, India</i>
<b>St. Joseph School, Mahoba</b> <i>Class X (CBSE)</i>	<b>Apr 2018 – Mar 2019</b> <i>Mahoba, India</i>

## 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

<b>Data Analytics Job Simulation</b> <i>Deloitte</i> <ul style="list-style-type: none"><li>Cleaned, analyzed, and interpreted business datasets to generate meaningful insights.</li><li>Applied data analytics techniques in forensic and investigation-based case studies.</li></ul>	<b>Jan 2026</b> <i>Verify</i>
<b>Software Engineering Job Simulation</b> <i>JPMorgan Chase &amp; Co.</i> <ul style="list-style-type: none"><li>Completed real-world software engineering tasks including API development and debugging.</li><li>Implemented data processing and backend logic following industry best practices.</li><li>Improved problem-solving skills through practical fintech use cases.</li></ul>	<b>Jan 2026</b> <i>Verify</i>

## Projects

<b>Driver Drowsiness Detection System</b> <ul style="list-style-type: none"><li>Built real-time driver monitoring system using computer vision and Eye Aspect Ratio (EAR).</li><li>Implemented face and eye landmark detection with alerts for prolonged eye closure.</li><li>Designed system modules for data acquisition, feature extraction, and classification.</li><li>Used Python, OpenCV, Dlib, and machine learning techniques.</li></ul>	<b>GitHub</b>
<b>Video Meeting Application</b> <ul style="list-style-type: none"><li>Developed real-time video calling application with user authentication.</li><li>Implemented audio-video streaming and chat features.</li><li>Built meeting creation and joining system.</li><li>Used web technologies and backend services.</li></ul>	<b>2025</b>

## 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

<b>CORE Member – Institution of Engineers (IE(I))</b> <ul style="list-style-type: none"><li>Led and managed multiple technical and non-technical events.</li><li>Organized and supported hackathons and large-scale student activities.</li></ul>	<b>2023 – 2025</b>
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## Certifications

<b>Oracle Data Platform 2025 Certified Foundations Associate</b>	<b>Certificate</b>
<b>Oracle Analytics Cloud 2025 Certified Professional</b>	<b>Certificate</b>
<b>AWS Certified Cloud Practitioner (2025)</b>	<b>Certificate</b>