

Himanshu

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EDUCATION

- **Bachelor of Technology - Computer Science and Engineering** November 2022 - October 2026
Vellore Institute of Technology CGPA: 8.23
- **Bachelor of Science - Data Science (Part Time)** August 2023 - October 2026
Indian Institute of Technology, Madras
- **12th Standard** March 2022
Arya Sr. Sec. School, Charkhi Dadri CGPA: 9.52
- **10th Standard** March 2020
Arya Sr. Sec. School, Charkhi Dadri CGPA: 9.43

SKILLS

Programming Languages : C/C++, Python, JavaScript, HTML, CSS

Frameworks & Libraries : TensorFlow, Keras, OpenCV, React.js, Next.js, TypeScript, Node.js, Express.js, REST APIs

Cloud/Databases : MongoDB, Firebase, Relational Database (MySQL), AWS

Languages Known : Hindi, English, Japanese

EXPERIENCE

- **IDEMIA** February 2025 - May 2025
Facial Recognition/ Computer Vision Intern
 - Delivered Python/OpenCV face search with deep learning, raising match rate 20% and reaching 95% reliability on cloud.
 - Applied hash-based retrieval with automated preprocessing over 1,000+ images for rapid, scalable matches.
- **ValU5Healthcare** February 2025 - March 2025
SDE Intern
 - Engineered a HIPAA-aware Node.js/Express + MongoDB medical-records API, reducing median latency 30% across 2,000+ entries.
 - Enabled secure third-party interoperability using OAuth2 with audit trails.
- **Hitachi Pvt. Ltd** December 2024 - January 2025
AWS Intern
 - Automated AWS provisioning with IaC, cutting setup time 40% and standardizing EC2/S3/RDS rollouts.
 - Enforced IAM least-privilege with MFA via GitHub Actions OIDC, reducing access risk by 40 %.

PROJECTS

- **DevSync – Real-Time Developer Collaboration Tool**
A MERN stack live coding platform enabling real-time collaboration.
 - MERN real-time editor using WebSockets with OT/CRDT, sustaining 10+ concurrent users under 200ms sync latency.
 - JWT-backed sessions with role-based access protecting rooms and enforcing authorization boundaries.
 - Dockerized services behind NGINX with blue-green CI/CD, enabling 89.9% uptime and zero-downtime rollouts.
- **FinSave – AI-Based Personal Finance Tracker**
An intelligent finance tracker automating budget analysis and transaction processing.
 - OCR ingestion with Tesseract + Python auto-classified 1,000+ transactions, trimming manual entry 80% via field-level validation.
 - AI-powered categorization crafted spend labels and trends across multi-account data, raising budget accuracy 90%.
 - Real-time dashboards surfaced insights and KPIs for finance tracking and decision support.

EXTRACURRICULAR ACTIVITIES

- **Lead Design Team** Data Science Club, VIT May 2024 - December 2025
 - Coordinated a 5-member cross-functional team to deliver UI/UX assets for 3+ tech events on schedule.
 - Drove engagement up 30% through sprint planning, backlog grooming, and timely handoffs.
- **Member Editorial Team** VIT January 2023 - April 2025
 - Managed content pipeline for 50+ tech publications, shortening review cycles 25% with editorial QA.
 - Improved clarity and consistency via concise documentation, structured feedback loops, and style guides.

CERTIFICATIONS

- **Data Fundamentals - IBM** May 2025