

Himanshu

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EDUCATION

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| • 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

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| • 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

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| • 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

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| • 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

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| • Data Fundamentals - IBM | May 2025 |
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