

# Himanshu

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## EDUCATION

<b>Bachelor of Technology (B.Tech.) - computer science and engineering</b> <i>Vellore Institute of technology , Bhopal</i> Current cumulative GPA : 8.25/10	2022 - 2026 (Expected)
<b>Bachelor of Science (B.S.) - Data Science (Part Time)</b> <i>IIT Madras</i>	2023 - 2026 (Expected)
<b>12<sup>th</sup> Standard</b> <i>Arya Sr. Sec. School , Charkhi Dadri</i> Percentage : 90.4%	2022
<b>10<sup>th</sup> Standard</b> <i>Arya Sr. Sec. School , Charkhi Dadri</i> Percentage : 89.6%	2020

## PROJECTS

### DevSync – Real-Time Developer Collaboration Tool :

- Developed a live coding platform using **MERN stack, WebSockets, and CRDT**, enabling real-time sync with latency under 200ms across 10+ active users.
- Integrated **Monaco Editor**, session-based **JWT auth**, and **role-based access** for secure collaboration and session recording.
- Dockerized and deployed with **NGINX**, ensuring 99.9% uptime and scalable performance across multiple coding rooms.

### FinSave – AI-Based Personal Finance Tracker :

- Built an intelligent finance app using **MERN, Tesseract OCR**, and **OpenAI**, auto-processing over **1,000+ transactions** from PDFs and receipts.
- Integrated **Plaid API**, GPT-3.5 suggestions, and real-time **Recharts/Chart.js** dashboards, improving budget accuracy by 90%.
- Achieved 80% reduction in manual entry with multi-account sync, spending analysis, and smart alerts via GPT-based logic.

### TrendHire – Resume Optimizer & Job Matcher:

- Engineered a GenAI-powered resume optimizer using **Next.js, LangChain**, and **OpenAI Embeddings**, boosting job match score by 88%.
- Parsed PDF/DOCX resumes via **Docx4j, spaCy NLP**, and scored against 200+ JDs using a live ATS keyword engine.
- Designed **live resume feedback and ATS keyword analytics features**, enabling improved match scores in simulated job tests and mock evaluations

## EXTRA CURRICULAR

- Lead Design Team** ( Data Science Club , VIT Bhopal )
- Member Editorial Team** ( VIT )
- Completed experiential training week at Sadik Academy – learned ethical hacking, website vulnerabilities, and cyber forensics.

## EXPERIENCE

- Intern – Hitachi Systems Pvt Ltd** (AWS Cloud) Dec 2024 - Jan 2025
- SDE Intern – ValU5Healthcare Ltd** (Medimag – blockchain based database) Feb2025 - March2025
- Intern – IDEMIA** (Facial recognition/Face Comparison) March 2025 – May 2025

## SKILLS

### Technical skills :

- Programming Languages:** Proficient in Python, JavaScript, Java, C++, HTML5, CSS3.
- Frameworks and Libraries:** Experience with TensorFlow, Keras, OpenCV, React.js, Node.js, express.js, REST API's
- Databases:** Knowledge of SQL, MySQL, MongoDB.
- Leet code / GFG : Solved over 250 + DSA problems
- GSSOC'24:** Contributed to **Girl Script Summer of Code 2024**, participating in community-driven open-source projects.

Languages : Hindi , English

## LICENSES & CERTIFICATIONS

- Cloud Computing - NPTEL** 2024
- Python Essentials - Vityarthi** 2023
- The Bits and Bytes of Computer Networking - Google** 2023
- Data Fundamentals - IBM** 2025