Himanshu

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EDUCATION

Bachelor of Technology (B.Tech.) - computer science and engineering   2022 - 2026 (Expected)
Vellore Institute of technology , Bhopal
Current cumulative GPA :

Bachelor of Science (B.S.) - Data Science (Part Time)   2023 - 2026 (Expected)
IIT Madras

12th Standard   2022
Arya Sr. Sec. School , Charkhi Dadri
Percentage : 90.6%

10th Standard   2020
Arya Sr. Sec. School , Charkhi Dadri
Percentage : 90.4%

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)   Present

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