Himanshi

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🎓 Education

07/2022 – 05/2026   GHAZIABAD, INDIA
Information Technology | Bachelor of Technology in Information Technology
Dr. A. P. J. Abdul Kalam Technical University
CGPA: 8.1

04/2021 – 03/2022   DADRI, INDIA
General | Intermediate
G.R. Global Academy
Percentage: 75%

💼 Experience

06/2025 – 07/2025   REMOTE, INDIA
Full Stack Developer
BOOLEAN MICROSYSTEMS PVT LTD
- Developed a real-time MQTT-based IoT Dashboard for sensor monitoring using Python, MySQL, and HTML
- Implemented backend integration for live device data over MQTT protocol and dynamic dashboard.
- Created a responsive web UI to visualize temperature, humidity, and alert data from connected IoT devices
- Strengthened knowledge in edge-to-cloud architecture, IoT messaging patterns, and device telemetry pipeline.

11/2023 – 10/2024   REMOTE, INDIA
AI Product Intern
DRIFKO
- Led development of AI-driven solutions using Python and TensorFlow, improving model accuracy by 25%.
- Collaborated cross functionally with product managers, engineers, and stakeholders to define requirements, design prototypes, and deploy scalable AI models, reducing feature iteration time by 15%
- Conducted data analysis and A/B testing to validate product hypotheses, leading to data-informed decisions that increased customer engagement metrics by 20%
- Authored technical documentation and presented findings to senior leadership, aligning product roadmaps with business objectives and driving adoption of AI-first strategies.

👥 Projects

07/2025 – PRESENT
Frontend Development, Speech Recognition & Translation Logic,API Integration, Debugging & Optimization
Vani_AI
- Developed a web-based application that enables **real-time speech-to-speech translation** across multiple Indian languages to eliminate language barriers.
- Integrated **speech-to-text**, **language translation**, and **text-to-speech** APIs to create a seamless user experience.
- Built the frontend using React, Tailwind CSS, Typescript, and integrated with **Google Cloud Translation & Speech APIs** for backend functionality.
- Focused on enhancing **accuracy and responsiveness.**

06/2025 – 07/2025
Backend MQTT server integration, database connectivity
IoT Device Management System (MQTT-based)
- Developed a lightweight, reliable communication system connecting edge devices to a central backend using MQTT protocol for real-time device monitoring and control.

12/2024 – 03/2025
Core app development, server communication
Fitness App (Server-Based)
- Full-featured mobile app for fitness tracking with real time pose detection and AI-driven suggestions.

12/2024 – 03/2025
Developed client-side functionalities
Fitness App (Client-Based)
- Client-side focused version emphasizing performance, local tracking, and UI/UX improvements with AI-based feedback.

05/2025 – 06/2025
Machine Learning Development
Diabetes and Heart Disease Predictor
- Project exploring the strong connection between diabetes and heart disease to develop strategies for prevention and management using machine

Projects

learning.

11/2024 – 12/2024
UI development, Backend Integration Restaurant App
- Mobile app to improve restaurant experience via menu browsing, orders, reservations, and operational management.

Technical Skills

~ LANGUAGES
Python
Java
C/C++
HTML/CSS
JavaScript
SQL
React.js
Tailwindcss
Typescript
Postgreesql
MongoDB

~ DEVELOPER TOOLS
VS Code
PyCharm
Google Colab Notebook
Amazon Web Service
Git
Anaconda

~ TECHNOLOGIES/FRAMEWORKS
Pandas
NumPy
Matplotlib
Tensor Flow
MediaPipe
OpenCV
Streamlit

Certifications & Participation

06/2025
Participated in Worlds Largest Hackathon
Bolt

Certifications & Participation

2023
First Stage Clear in Smart India Hackathon (SIH)

2024
Participant in Hackathons hosted by Accenture, Google, Amazon

2025
Certified in AI-ML Workshop, ABES Institute of Technology