Himanshu

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EDUCATION

Vellore Institute of Technology	**September 2023- May 2027**
Pursuing B.Tech. in Computer Science and Engineering – 9.07 CGPA	*Bhopal, MP*
Birla School Pilani	**April 2020 – March 2021**
Class XII – 93.80%	*Pilani, Rajasthan*
Birla School Pilani	**April 2018 – March 2019**
Class X – 90%	*Pilani, Rajasthan*

TECHNICAL SKILLS

Python, C++, Java

PROJECT WORK

Machine Learning | *TensorFlow, python, Pandas, NumPy*   ***December 2023 – Till Date***

- **Credit Card Fraud Detection Model**: Developed a machine learning model using TensorFlow to identify fraudulent transactions, leveraging techniques such as oversampling and feature engineering to improve detection accuracy.
- **OCT Disease Classification Model :-** Built a transfer learning and convolutional neural network based model using Tensorflow to classify disease as Drusan, CNV, DNV and Normal in eye based on fundus images.
- **Plant Disease Detection Model**: Built a convolutional neural network (CNN)-based model using TensorFlow to identify plant diseases from leaf images, enhancing early detection and supporting preventive measures in agriculture. Completed Under the AI: Transformative Learning with TechSaksham Internship.

Python Projects | *Python*   ***Dec 2023 – May 2024***

- **Audio-to-Text Conversion Tool**: Developed a Python-based application leveraging speech recognition libraries to convert audio files into text transcripts. Despite achieving limited accuracy, the project served as a foundational exploration of speech-to-text technology and its implementation.
- **Personalized News Fetcher**: Created a Python program that fetches daily news headlines based on user preferences (e.g., sports, business, top headlines) using a News API. Enabled users to access tailored news updates efficiently through an interactive and user-friendly interface.

CERTIFICATIONS AND SKILL BADGES

- **AI: Transformative Learning with TechSaksham Internship**
  Joint CSR initiative by Microsoft & SAP, implemented by Edunet Foundation
  Completed under the guidance of AICTE
  Internship ID: TSPIN24_608439
- **Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate**
  Oracle, March 2025 Credential ID: 317980868OCI25AICFA
- **Google Cloud Skill Badge** for Build Real World AI Applications With Gemini and Imagen and Inspect Rich Documents with Gemini Multimodality and Multimodal RAG Skill Badge
- **Certificate of Participation in Nation Building Hackathon.**