ELANGO M

Artificial Intelligence graduate with practical experience in machine learning, computer vision, and full-stack development. Currently working as a PDI Analyst at Deloitte, with a strong ability to learn quickly and adapt to new technologies. Focused on building impactful solutions in AI and Generative AI.

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EDUCATION

B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

KPR Institute Of Engineering And Technology

2020 - 2024   **CGPA -8.34**

HSC

SSM Lakshmiammal Matric Higher Secondary School

2019 - 2020   **Mark - 80%**

SSLC

Sri Sakthi Supreme Ideal Vikas Matric Higher Secondary School

2017 - 2018   **Mark - 93%**

SKILLS

Programming:
Python, Java, SQL

Machine Learning & Deep Learning:
TensorFlow, Keras, Scikit-learn, OpenCV, Pandas, NumPy

AI Tools & Platforms:
Jupyter Notebook, Google Colab, Postman, MLflow (basic)

Web Development:
React.js, HTML, CSS, Tailwind CSS, Spring Boot

Cloud & DevOps:
Azure (Function App, Logic App, Data Factory), Git, GitHub, Docker (basic), Linux (basic scripting)

CERTIFICATES

- Azure Data Factory - Udemy
- Data Science for Engineers - NPTEL
- Python and Data Visualization - Kaggle
- MYSQL and Java - Hacker Rank
- MS Excel - Linkedin

PROJECTS

- **Accident Detection and Alert System**

  Created real-time accident detection and alert system using CNN with 93% model accuracy. Notifies emergency services promptly, reducing response time and potentially saving lives.

- **Forest Fire Detection and Spread Measurement**

  Developed a CNN-based system for detecting forest fires and measuring their spread using satellite imagery. The model identifies fire locations and monitors their progression over time, providing real-time insights for better wildfire management. Implemented with Python, TensorFlow, and GIS tools.

WORK EXPERIENCE

Product Development and Integration (PDI) Analyst

(SEP 2024 - PRESENT)

DELOITTE TOUCHE TOHMATSU INDIA LLP

- Continued from a 5-month internship into a full-time role based on performance.
- Worked on Azure Integration projects including Function Apps, Logic Apps, and Data Factory.
- Developed a full-stack internal tool using Java (Spring Boot) and React.js to automate internal workflows.
- Collaborated with cross-functional teams to integrate APIs and improve system performance.
- Gained hands-on exposure to cloud deployment, GitHub version control, and agile delivery practices.

INTEREST

- Artificial Intelligence & Machine Learning
- Generative AI & Large Language Models
- Computer Vision & Real-World Applications
- Full Stack Development
- Cloud & DevOps (Azure, CI/CD, GitHub Actions)
- Data Analytics & Visualization
- Building Scalable AI Products
- Open Source Contributions & Hackathons
- Continuous Learning & Tech Blogging