

Jyotir Aditya

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EDUCATION

Vellore Institute of Technology

Vellore, India

Bachelor of Technology - Computer Science and Engineering; GPA: 8.35

July 2019 - June 2023

- Courses: OS, DSA, Data Visualisation, Artificial Intelligence, Machine Learning, Networking, Databases, Internet and Web Programming, Business Mathematics

SKILLS SUMMARY

- **Languages:** Python, C++, JavaScript, SQL, Bash, JAVA, Solidity
- **Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, Flask, ReactJS, NodeJS, MongoDB, OpenCV
- **Tools:** PowerBI, GIT, MySQL, Collab, Postman, Adobe Suite, FIGMA
- **Platforms:** Linux, Web, Windows, AWS, GCP
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

Ericsson Global India

Bangalore

Graduate Engineer Trainee

Feb 2023-Current

- Utilized Python, Pandas, NumPy, and TensorFlow Extended (TFX) to develop and implement data preprocessing pipelines for efficient data handling and transformation.
- Applied Azure services and Docker to deploy and manage data processing and machine learning models in a cloud environment.
- Worked on data preprocessing tasks, including data cleaning, feature engineering, and data normalization, to ensure high data quality and reliability for downstream analysis and modeling.
- Collaborated with cross-functional teams to design and implement Machine Learning Operations (MLOps) practices, including model versioning, automated model deployment, and monitoring.

IMS Healthcare (IQVIA)

Bangalore

Full Term Intern

Aug '22-Jan '23

- Proficiently utilized Python, Django, Pandas, and NumPy to develop and maintain robust and scalable web applications.
- Implemented unit test cases to ensure the quality and functionality of the developed codebase, promoting a reliable and bug-free software environment.
- Collaborated with the development team to design and develop REST APIs, providing seamless integration between different components of the application.
- Integrated machine learning models into the existing system, enabling predictive analytics and enhancing the overall functionality of the software.

PROJECTS

- **A unique approach to Malware Analysis using Deep Learning (Presenting research paper at IEEE ICECIE'2022):** Research done was based on optimizing Malware detection by creating a grayscale image of 52 attributes received through static analysis of the malware file and applying different models over it. Impact: Significant improve in the accuracy over previous works
- **YogAI - AI based Yoga Platform (MLP, openCV, HRNet, Image Processing):** Made an AI platform to help customers perform yoga at the ease of their home. Takes live video as input and outputs the Accuracy of the Asana performed. (Tech: Python,OpenCV, Flask)(December 2021)
- **Databreach Visualization (Python, HTML, Plotly, Jinja, Flask, Numpy, Pandas):** Ituitive Platform to learn about recent trends of Data breaches in the world with Plotly visualizations to make interactive and helpful.(April 2021)

HONORS

- Identified as a Special Achiever for the 21-22 by VIT,Vellore
- Awarded as a full time Internship in Kestone Global for my graphic designing skills.
- Volunteered as a member for FEPSI Vellore, India: Helped underprivileged children learn subjects like Math and helped deciding a career path