

Allu Vamsi Pavan Kumar

vamsipavankumarallu@gmail.com | +91 9492426237

GitHub: [pavankumarallu](#)

LinkedIn: [Pavankumarallu](#)

Website: [pavankumarallu.github.io](#)

EDUCATION

Indian Institute of Information Technology, Kalyani - West Bengal, India

Bachelors in Technology (B. Tech.) - Computer Science and Engineering

Graduation Date: May 2023

Cumulative GPA: 9.07

WORK EXPERIENCE

Exposys Datalabs | DL/ML Intern

(Jul 2021 - Aug 2021)

- Developed a model in Tensorflow for predicting the occurrence of Diabetes and deployed the model into a Website.
- Performed Data analysis on the Diabetes data and with a training accuracy of 95.56% .

PROJECTS

Restaurant Management System - [Link](#)

Java, Java Swing, MySQL

- Developed an application for inventory control, menu, order, reservations and payments management for a restaurant, including an Admin Portal.
- The application also features a chatbot for user's convenience and generates printable bills.

Bank Nifty Analysis - [Link](#)

Pandas, sklearn

- Analysed the data of Bank nifty and plotted the trends of the market.

Virtual Air Canvas - [Link](#)

OpenCV (Computer vision), python

- Created a Virtual Air Canvas to track the finger tip and paint accordingly on the canvas.
- The application also features custom color selection and save drawing to device functionality.

Diabetes Prediction - [Demo](#)

Tensorflow, python, Keras, flask, html, css

- Analyzed the dataset and trained the model using Artificial Neural Network. Later the model was deployed into a Website.

Water body detection on Satellite images (2021 - present)

Tensorflow,keras,OpenCv

- The satellite images of a region in Kolkata are collected and applied image segmentation techniques to extract water body traces.
- And further classify the identified water bodies into rivers, lakes or ponds.

SKILLS

- **Programming Languages** : C, C++, Java, Python, JavaScript,Dart
- **Machine Learning** : Tensorflow, Keras, Numpy, Pandas, Matplotlib, Seaborn, OpenCV
- **Software Development** : Flutter, Django, Flask, MySQL, MongoDB, HTML, CSS

POSITION OF RESPONSIBILITIES

- **Placement Coordinator** Training and Placement Cell, IIIT Kalyani (Jan 2021 - Aug 2021)
- **General Secretary** Symphony - Music Club IIIT Kalyani (Jan 2021 - Aug 2021)
- **Web Design Lead** Developers Student Club, IIIT Kalyani (Jan 2021 - Aug 2021)

CERTIFICATIONS

- **Coursera** Deep Learning Specialization - Andrew Ng ([Certificate](#))