

Pasumathi Bhanu Prakash

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SKILLS

- **Languages:** C++, Python, C, Java
- **Frameworks:** HTML and CSS, TensorFlow, Numpy, Pandas
- **Tools/Platforms:** MySQL, git-Hub, Google Colab
- **Soft Skills:** Problem-Solving Skills, Active Listening, Project Management, Adaptability

INTERNSHIP

- **Navodita Infotech** October 2024 – November 2024
 - *Machine Learning Intern*
 - **About:** Implemented ML models for classification tasks, improving accuracy. Conducted data Pre-Processing Operations such as feature engineering, normalization, and imputation. Evaluated model Performance by computing confusion matrix metrics such as precision and recall scores.
 - **Tech stacks used:** Python, Scikit-learn, Keras, NLTK

PROJECTS

- **Facebook Sentiment Analysis - ML (Python)** January 2024 – April 2024

Introduce the concept of Sentiment Analysis and its ability to extract emotions from text, including emotion patterns (happy, unhappy, and emotionless), which will quantify the sentiment. The project involved data collection from Facebook using the Graph API, followed by preprocessing and training machine learning models, including Naive Bayes and Support Vector Machines, to achieve high accuracy in sentiment classification. [Link](#)

Tech: Natural Language Processing, Machine Learning
- **Healthcare Predictive Modeling:** October 2024 – November 2024

By using healthcare datasets to build predictive models for disease diagnosis, patient readmission rates, or treatment outcomes, aiding healthcare providers in decision-making. Developed a user-friendly dashboard for healthcare professionals to visualize predictive analytics results, enhancing decision-making processes and resource allocation in clinical settings. [Link](#)

Tech: Neural Networks, Machine Learning
- **AI-Related Job Trends and Salaries Dashboard(Tableau):** November 2024 – December 2024

Created a responsive dashboard of AI related jobs and salaries based on Experience, location, Employment type, Average salary in USD, Employee residence. It helps people to acknowledge the reality about jobs and salaries in that particular Domain. This tool empowers job seekers and industry professionals to make informed decisions by providing clear insights into the current job market landscape in the AI domain. [Link](#)

Tech: Tableau

CERTIFICATES

- **Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage** November 2024
- **British Airways - Data Science Job Simulation on Forage** November 2024
- **BCG - GenAI Job Simulation on Forage** November 2024

ACHIEVEMENTS

- **Secured 9th rank in the General knowledge competition District wise:**

Participated and ranked 9th in the Competition .
- **Received letter of appreciation from Hon. Shri Narendra Modi (Prime Minister India):**

For Selection under the Prime Minister's Scholarship Scheme under National Defence Fund.

EDUCATION

- **Lovely Professional University** Punjab, India

Bachelor of Technology - Computer Science and Engineering; Since October 2022
- **Sasi Junior College** Visakhapatnam, Andhra Pradesh

Intermediate; Percentage: 91% July 2020 - May 2022
- **Sasi E.M. High School** Eluru, Andhra Pradesh

Matriculation; Percentage: 91.5% June 2019 - May 2020