

Praveen Narayan Hegde

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EDUCATION

• Sapthagiri College Of Engineering, Bengaluru

Information Science and Engineering

2024

CGPA: 8.7

SKILLS

Programming Languages : **Python, C++, JavaScript**

AI Modules : **Meta LLM(Llama 3.2), Reinforcement Learning, Langchain, Sentence transformers**

Backend : **Django, DSA, REST API, PostgreSQL, MongoDB**

Frontend : **JavaScript, HTML5, CSS3, Bootstrap, Figma**

Data Analysis : **PowerBI, Microsoft Excel, MySQL, Predictive Analysis, Data Visualization**

EXPERIENCE

• Synfinity Consultants Pvt. Ltd.

Dec 2024- Present

Software Trainee

Bengaluru

- **AI-Based Chatbot Development** : Developed an **AI chatbot** using the **Meta LLaMA model with 85% accuracy** in Document-based query responses and **real-time data retrieval**, reducing manual resolution time by **40%**.
- **AXA Hong Kong- Data Analytics (On-Site)** : Worked on-site in Hong Kong with **AXA Hong Kong** to Analyzed **500,000+ IVR call** records and integrated insights with **2,000+ LCC agents'** data, improving customer interaction efficiency by **15%**
- **POC Development for AI HR Chatbot** : Built a POC for an AI-powered HR chatbot using Engati, achieving **90% automation** in HR queries and reducing response time by **70%**, benefiting **1,000+ employees**.
- Technologies used were **Python, AI models, PowerBI, MySQL, Engati**

• Alnitak Solutions Pvt.Ltd.

Aug 2023- Oct 2023

Software Engineering Intern

Bengaluru

- Developed the **RentIt front end**, meeting **100% project requirements** for a seamless user experience.
- Built a **Spam Detector** with **95% accuracy** using TensorFlow and Python, enhancing search speed by **50%** with Binary Search.
- Technologies using are **Python, Numpy, Machine Learning, pandas, streamlit, NLP, NLTK, Algorithms**.

• EY-Global

Aug 2022- Oct 2022

Full Stack Developer Intern

Bengaluru

- Developed **Power BI dashboards** for **crop yield analysis**, processing **1M+ data points** across **50+ regions**.
- Designed interactive dashboards for **car sales** and **airport data analysis**, integrating **10+ filters** for better insights.
- Technologies used were **Python, PowerBI, Excel, MySQL**

PERSONAL PROJECTS

• Bone Fracture Prediction Using Machine Learning Image Processing

/  Github Link

- Technologies used: **Python, YOLOv8, CNN, Streamlit, Machine Learning**.
- Worked on Model training
- Developed an **X-Ray image analysis application** using CNN and YOLOv8, trained on **2,000+ fractured X-ray images** and tested on **1,000+ images**, achieving **95% accuracy**, with a **Tkinter-based interface** for seamless real-time analysis.

• Sales Analysis with Python: Exploring Electronics Store

/  Github Link

- Technologies used: **Python, pandas, numpy, matplotlib**
- Analyzed **12 months of electronics store sales data** using Python, Pandas, and Matplotlib, processing **10K+ records** to identify top-selling cities, best sales month, and product trends for **data-driven decisions**.

• AGRIFORLIFE: Irrigation based DBMS project

/  Github Link

- Technologies used: **Django, Python, HTML5, CSS3, JS, Microsoft Excel**
- Developed **DBMS-based** project that is built upon Django and database of SQLite. Also, the front end is enriched with HTML5, CSS3 and also complex Java Script. That **Analyses and Navigates** about the suitable irrigation to their crop based on various factors for the farmers.

ACHIEVEMENTS

• HackerRank Achieved 4 stars in python coding

HackerRank

• Secured 2nd and 1st Rank in College Monthly Coding Contest for the consecutive 3 months.

• Participated in National Level Hackathons