BERWIN N Student

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Education

B.E Computer Science and Engineering   **2024-Present**

St.Joseph's Institute Of Technology,Chennai   CGPA 7.7

Experience

Software Development Intern | Godel Technologies LLP (Stipend)

- Built and optimized chatbot software applications using Rasa and Large Language Models (LLMs) while automating cloud services like EC2, SNS, Lambda, and S3 with Python scripts to streamline deployment and management
- . Developed end-to-end solutions on **AWS**, conducted competitor research, prepared strategic market reports, documented proprietary processes, and contributed to hiring and software development operations.

AK INFOPARK | *Data Science With Python Intern*

- Built solutions like brain tumor detection with Roboflow and number plate detection using EasyOCR for precise diagnostics and identification.
- Designed real-time machine learning models for image classification and object detection using Python, OpenCV, TensorFlow, and Keras.

Projects

AI Chatbot for Justice Assistance | Python | llama3.1 | TWILIO

- Developed an AI chatbot to provide emotional support, guide complaint filing, and assist with evidence collection for victims.
- Enabled real-time alerts and shared anonymized case studies to help users navigate the legal process effectively.

Community Cleanliness Platform | AI, Machine Learning, Computer Vision, GPS, Government Data APIs

- Built a system using computer vision and machine learning to detect and classify waste.
- Integrated government air quality data for better environmental monitoring.

Logotherapy Bot | Conversational AI, Rasa, Large Language Models, Custom Actions

- Built an intelligent conversational agent using Rasa and integrated advanced LLMs for natural language understanding.
- Designed custom actions to provide tailored therapeutic responses, enhancing user interaction and delivering a personalized experience.

Technical Skills   Achievements

PYTHON

AIML & **LLM**

UI/UX Basics

C++

JAVA

CYBER SAFETY FOR WOMEN(*KANYAKUMARI POLICE HACKATHON*)
- Secured 1st place in that competition conducted by **TN Startup** and **Kanyakumari Police** for innovative solutions.

Symposium Winner (II Place) - REC College
- Secured second place for a full stack development project.

UI Path Hack-a-Bot Hackathon Winner (III Place)
- Secured third place for BookMyShow automation.