

Chris Vinson Kunnankada

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SKILLS

Languages: Python, Java, C, SQL, HTML, BASH Terminal Scripting

Tools: VSCode, Git, MySQL, Power BI, AWS, Linux, Docker, SAP Analytics Cloud, SAP S/4 HANA

Data and Machine Learning Tools : Pandas, NumPy, Tensorflow, Scikit-Learn, PyTorch, Matplotlib, Ollama

WORK EXPERIENCE

LEAP India. Pvt. Ltd

Mumbai, Maharashtra

Graduate Engineer Trainee - Cross team functionality

December 2024 – Present

- **Apps Team :** Managed cloud-hosted **MySQL** databases on **AWS EC2** for mobile and web applications; conducted API smoke testing with **Postman** across UAT and production deployments; developed ML-powered APIs using **FastAPI**, **tokenizers**, **vector stores**, and **FAISS** for integration into the company's website chatbot.
- **Business Intelligence :** Playing a pivotal role in deploying **SAC (SAP Analytics Cloud)** reports as part of the migration from **Tableau** to **SAC**, managing reporting and KPI accrual across departments such as Warehouse, Repairs, AM, Finance, CRT, and Sales to ensure effective adoption by end users.
- **SAP and M&A :** Contributed to the migration from **SAP Business One** to **SAP S/4HANA** and supported post-merger ERP integration following the acquisition of a major competitor, ensuring seamless alignment of IT systems and **supply chain processes** across both organizations
- **Pilot Project :** Executed the deployment of a time - series sales **forecasting model** for the Planning department, incorporating ensemble methods like **ARIMA**, **SARIMAX** and exponential smoothing to enable accurate warehouse and item level sales predictions based on historical data. Predictions made on **weekly or monthly time delta**.

Xceedance Inc.

Bengaluru, Karnataka

Intern : Associate Programmer - Data and Modelling Products

February 2024 – June 2024

- Develop and refine scripts to generate dummy **exposure data** consisting of vulnerability data and **risk profiling** of a given number of location points extracted based on distribution entered by the user.
- Ensure efficiency of script to generate portfolio of exposure data of the magnitude of **5 to 10 GB** in reasonable time frames.
- Develop front end interface to allow easier **dynamic generation** of exposure data portfolio from input distribution.
- Technologies and libraries used : **Python**, **risk profiling APIs**, **GeoJSON**, **GeoPandas**, **Matplotlib**

PROJECTS

Document Query Application using RAG (Retrieval Augmented Generation)

Aug 2024 - Sep 2024

- Developed a Document Q&A system using RAG. Users upload their document and can then query the document, which implements FAISS for similarity search and Google Gemini Model to answer questions.
- Technologies used: **FAISS**, **Google's Gemini AI**, **PyPDF2**, **langchain**, **sentence-transformers**, **torch**, **reportlab**, **Streamlit**.

Communication Platform with Enhanced Accessibility Features

Aug 2023 - May 2024

- Developed an AI enhanced communication platform with features implemented, such as real-time sign language detection, AAC board functionality and video color detection to improve accessibility for users with disabilities.
- Libraries and tools used: **TensorFlow**, **Keras**, **NumPy**, **OpenCV**. Open source model used : **Google BERT**

EDUCATION

New Horizon College of Engineering

Completed : 2024

Bachelor of Engineering in Artificial Intelligence and Machine Learning (AIML)

CGPA: 9.41/10

Karnataka State Pre-University Course (PUC)

Completed : 2020

Percentage: 83.83 %

Indian Certificate of Secondary Education (ICSE)

Completed : 2018

Percentage: 94 %

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge.

Date : 18/05/2025