

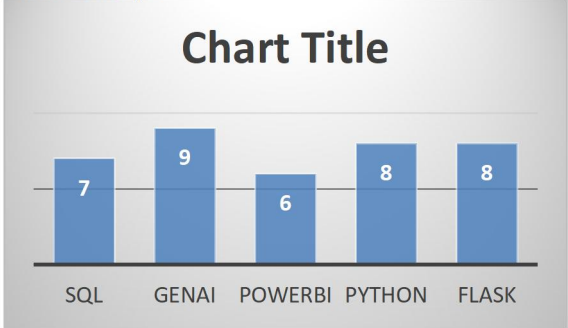
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SKILLS

Proficiency:



Implementation:

- **GenAI:** AWS Bedrock, Claude, Anthropic, Mistral, RAG, Vertex AI, Gemini
- **Text Mining:** BeautifulSoup, NLTK
- **Python Libraries:** NumPy, Pandas Profiling, Scikit-Learn, boto3
- **Databases:** PostgreSQL, Redis
- **Frameworks:** Django, Flask
- **Visualization:** Power BI, Grafana, OSS, ELK
- **CI/CD Tools:** Jenkins
- **Cloud Computing:** AWS (EC2, Application Deployment), GCP, Azure, lambda function, S3
- **Development Tools:** VS Code, PyCharm, Jupyter, ChatGPT-turbo
- **Machine Learning Algorithms:** Clustering, Regression, Classification, Decision Trees, Random Forest

Profile Summary

- Implement GenAI (AWS Bedrock) services for Embedding, Code Generation, Code Implementation, Code Security Check, MCQ Generation & Q&A Generation using Python Flask.
- To maintain module as Individual contribution.
- Designed and implemented a robust RESTful API using Python and the Django framework to reduce RCA & generate auto response using train data.
- Employed Django REST Framework to streamline API development, ensuring efficient handling of requests and responses.
- Orchestrated the seamless deployment of web applications on Windows servers, utilizing Internet Information Services (IIS) to ensure optimal performance and reliability.
- Configured IIS web servers to host and manage multiple applications, implementing secure and scalable solutions for various projects.

AWARDS

Performance of the Year -2022

Work Experience

DATA ANALYST- CONSULTANT-Capgemini Technology Services India **06/2021**

GenAI Developer

- ◆ **Supply Chain Implementation:** Worked on Unconventional data sources applied AI to convert into conventional data. Applied feature selection & forecast the results based on the requirements. Implementation of realtime data streaming using POWER BI Dashboard.
- ◆ **AWS Bedrock Services Implementation:** Spearheaded the implementation of AWS Bedrock services as the sole contributor, achieving: Development of an Embedding Service to enhance system capabilities. Creation of a Multiple-Choice Question (MCQ) generation module tailored to customer data. Deployment of AWS Claude Services for file security assessments, identifying potential vulnerabilities. Utilization of Bedrock (Claude) services for the generation of Q&A services, improving customer interaction efficiency.
- ◆ **Production Deployment & CI/CD:** Managed end-to-end production deployment and CI/CD pipeline integration for the module, ensuring smooth deployment and continuous integration.
- ◆ **Additional Contributions:** Developed solutions involving zip file processing and email services, enhancing system functionality.

Log Analysis Specialist

- ◆ **Advanced Log Analysis:** Conducted comprehensive log analysis across network, operating systems, applications, servers, and other system components: Identified specific users encountering errors and assessed error scope. Analyzed system components to pinpoint those with a high frequency of errors. Employed Python scripts for log normalization, pattern recognition, correlation, and tagging. Utilized unsupervised, semi-supervised, and supervised techniques (e.g., clustering, classification) to categorize anomalies. Developed a real-time, self-contained log analysis platform integrated with Grafana for alert notifications.
- ◆ **Incident Management & Resource Optimization:** Leveraged log analysis to prevent potential downtime by identifying system resource constraints and improving incident resolution times.
- ◆ **Data Pattern Analysis:** Discovered and evaluated previously unobserved patterns in data, implementing noise reduction techniques for more accurate analysis.

KPI Analysis & Reporting:

Leveraged Power BI for detailed KPI analysis and service performance improvement:

- ◆ Mapped KPIs to identify service gaps and performance discrepancies location-wise.
- ◆ Analyzed placed versus shipped orders to enhance operational efficiency.
- ◆ Tracked and optimized time-consuming zones.
- ◆ Created insightful KPI visualizations using MultiInfo cards, Multi Target KPIs, Shanky charts, and Multi Row cards.
- ◆ Applied Decomposition Tree for thorough analysis of KPI metrics by count and value.

NLP with OpenAI Darwin C:

Contributed to the OpenAI Darwin C project, focusing on effective data preparation:

- ◆ Applied techniques such as tokenization, part-of-speech tagging, stemming, and lemmatization.
- ◆ Transformed unstructured text into machine-readable formats, enhancing NLP model performance.

DATA SCIENTIST (INTERN)- Innodatatics

08/2019 -04/2020

- ◆ **Data Collection:** Gather drug review data from various web sources through web scraping techniques to build a comprehensive dataset.
- ◆ **Data Cleaning and Textual Analysis:** Clean and preprocess unstructured data to prepare it for analysis. Apply textual data analysis methods to extract actionable insights.
- ◆ **Sentiment Analysis:** Conduct sentiment analysis to identify and evaluate drugs with the highest positive and negative impacts based on review sentiments.
- ◆ **Model Tuning:** Utilize GridSearch to fine-tune machine learning models, optimizing performance for accurate predictions and analyses.
- ◆ **Presentation:** Showcase the results and findings of the analysis through compelling and informative PowerPoint presentations.

SR. MIS EXECUTIVE-SIDBI 3rd party payroll (payrol -Omnitech Solution)

01/2011-07/2014

- ◆ **Key Account Management:** Leveraged analytics to drive growth and optimize key accounts' daily operations.
- ◆ **Competitive Analysis:** Identified issues and supported Root Cause Analysis (RCA) through competitive analysis.
- ◆ **Customer Escalations:** Resolved customer escalations by investigating causes and providing effective solutions.
- ◆ **MIS Improvement:** Created and executed a roadmap for upgrading the Management Information System (MIS) to enhance performance.
- ◆ **IT Support Optimization:** Recommended IT solutions to align with and support key business objectives.

IT EXECUTIVE -Anmol Computers -Client Thomson Reuters

11/2009-07/2010

- ◆ **Report Generation:** Produce daily, weekly, and monthly reports tailored to project and customer requirements, ensuring timely and accurate delivery.
- ◆ **Periodic Reporting:** Prepare and submit periodic reports to clients and supervisors, providing comprehensive insights and updates.

- ◆ Customer Escalation Management: Manage and resolve customer escalations related to network, hardware, and software issues, ensuring effective and efficient solutions.

EDUCATION

- ◆ Bachelors of Computer Engineering-2006

CERTIFICATES

How to Implement Multitenancy in Django
Machine Learning with Python

Introduction to Machine Learning
Microsoft Azure Machine Learning for Data Scientist

