Uttam Gogineni

goginenikenuttam96@gmail.com *|* (408) 420-2627

https://github.com/uttam-1996 *|* linkedin.com/uttam-gogineni

Dynamic Data Scientist and Analyst with 5+ years of experience in leveraging data-driven strategies to improve business operations and outcomes. Proficient in machine learning, data analysis, and cloud technologies, with a proven track record of optimizing models and deploying scalable solutions. Passionate about delivering actionable insights and efficient data systems that drive success.

Skills

**Backend Development**: RESTful APIs, Microservices Architecture

**Database Management**: MongoDB, Mongoose, PostgreSQL, NoSQL/SQL, Data Modelling, Database Optimization

**Gen AI Technologies**: OpenAI GPT, Google Gemini, Meta LLaMA2, Prompt Engineering, Fine-Tuning, Retrieval-Augmented Generation (RAG), Model Training

**Machine Learning & AI**: TensorFlow, Scikit-Learn, Deep Learning, MLOps, Classification, Regression

**API Integration**: Building and consuming APIs, integrating AI models into React applications, managing API requests efficiently

**Cloud & DevOps**: AWS (EC2, S3, Lambda, RDS), Azure, Google Cloud Platform (GCP), Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions, Azure DevOps)

**Web Deployment**: Full-stack deployments with AWS/GCP

**Data Handling & Analysis**: Pandas, NumPy, Apache Spark, Big Data Technologies

**Version Control & Collaboration**: Git, GitHub, GitLab, Bitbucket

**AI Model Deployment**: Flask, FastAPI, Model Serving, Real-Time Predictions

**Data Visualization & Tools:** Tableau, Plotly, R Shiny

**Version Control:** Git, GitHub, GitLab

Work Experience

**Data Analyst Intern**

**Equal Access Careers, San Francisco | *May 2024 – September 2024***

* Developed embeddings for disease and symptom data using Azure OpenAI to enhance diagnostic tool accuracy.
* Automated daily data embedding processes, increasing efficiency by 20%, utilizing batch programs and MongoDB storage.
* Worked with SQL, NoSQL and Faiss Database for managing vector embeddings.
* Led a team to deploy APIs on Azure Cloud, facilitating integration for web and mobile platforms.
* **Technologies: Azure OpenAI, FastAPI, RAG, MongoDB, Docker, FaissDB, ReactJS**

**Data Scientist**

**AXA Business Services, Bangalore | *July 2021 – May 2023***

* Spearheaded the automation of data collection processes, reducing data entry costs by 70%.
* Collaborated internationally on machine learning models for pricing and fraud detection, improving operational efficiency.
* Developed and deployed AI-powered predictive maintenance models, achieving a 20% reduction in operational costs and significantly enhancing system reliability.
* Deployed and managed AI/ML models on AWS infrastructure, utilizing Lambda for scalable execution and EC2 for high-availability model hosting
* **Technologies: AWS, Machine Learning, Scikit-learn, Flask, Tableau, Light gbm, Tensorflow**

**Data Scientist**

**Sirpi Products and Services, Bangalore | *Dec 2020 – July 2021***

* Engineered machine learning models for wind speed prediction with 97% accuracy, driving energy forecast improvements.
* Created three interactive dashboards using R Shiny, enhancing decision-making for renewable energy projects by 20%.
* Analyzed large datasets to derive actionable insights, developing AI/ML models to predict sales trends and customer behavior for improved decision-making.
* Designed and implemented data preprocessing and cleaning workflows, streamlining pipelines to ensure high-quality input for machine learning models.
* Utilized SQL and BigQuery for efficient data retrieval, supporting advanced analytics and predictive modeling tasks.
* Built and deployed automated pipelines to handle data ingestion, processing, and integration with predictive models for real-time analytics.
* Applied advanced statistical methods and machine learning algorithms to uncover patterns and trends in sales and customer data, enhancing forecasting accuracy.
* **Technologies: R, Shiny, AWS, NLP, PostgreSQL, Python, BigQuery**

**Data Scientist**

**Kiabi, Bangalore | *Nov 2019 – Dec 2020***

* Designed customer segmentation models, boosting targeted marketing efficiency by 25%.
* Implemented a recommendation engine for the online store, increasing sales by 15%.
* Performed Exploratory Data Analysis (EDA) on customer purchase data to uncover key insights and trends, and developed interactive data visualizations using ReactJS to aid the marketing team in strategic decision-making.
* Collaborated closely with the backend development team to integrate APIs and ensure seamless communication between the ReactJS frontend and data-driven backend services.
* Developed SQL queries to retrieve and manage data.
* Collaborated with teams to convert complex data into accessible visualizations using Tableau and related web technologies.
* **Technologies: Python, AWS, TensorFlow, S3, Tableau, PostgreSQL,MongoDB**

**Data Analyst**

**Exceloid Soft Systems, Hyderabad | *July 2018 – Oct 2019***

* Developed dynamic sales dashboards in Tableau, driving a 20% improvement in sales performance.
* Conducted customer segmentation analysis, increasing customer engagement and retention by 15%.
* Developed Finance Dashboards for Al Accad Group, providing valuable data insights on spending patterns that helped optimize their spending patterns and reduce spending in the organization.
* **Technologies: Python, scikit-learn, Tableau, MongoDB, PostgreSQL**

Education

**Golden Gate University San Francisco** MS in Business Analytics

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

**Achievements**: Honorary Student

**JNTU Hyderabad** B.E. in Computer Science and Engineering

Relevant Coursework: Advanced Statistical Analytics, Managing Data Structures, Machine Learning and Analytics, Natural Language Processing, Prescriptive Analytics.

Awards and Certificates

• Post graduate Diploma in Data Science

• Discrete mathematics and social graphs HSE University

• introduction to Large Language Operations (MLOPS) Duke University