

Yashaswi Kakumanu

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Skills

- Python, C,C++, SQL,NumPy, Pandas, SciPy, Scikitlearn, Matplotlib, Pyplot, Supervised Learning, Unsupervised Learning,Deep Learning,Tensorflow, Keras, Snowflake, AWSSageMaker, Flask , AWS , Docker, Git,Azure Devops, MLflow, H2O.ai, Terraform, CI/CD

Experience

Machine Learning Engineer (Domain - Insurance)

July 2022 – Present

Tiger Analytics

Hyderabad

- Spearheaded team of 4 to successfully onboard and deploy machine learning models developed on platforms such as h2o.ai, DataRobot, and R onto AWS SageMaker.
- **Dockerized** native model artifacts and leveraged batch transformations and **monitored** using the AWS SageMaker pipeline on a scheduled basis with Snowflake interaction for **data storage and retrieval**.
- Leveraged Terraform and Azure pipelines for streamlined deployment and management of the entire setup across development and production accounts.
- Conducted rigorous vulnerability scans to ensure **data security and compliance** with stringent client requirements.
- Contributed to a significant **cost reduction of 40 percent** by implementing efficient financial prospect recognition using AWS SageMaker pipelines.

Senior Analyst - Machine Learning Engineer (Domain - Insurance)

Dec 2021 – June 2022

Tiger Analytics

Hyderabad

- Designed and orchestrated end-to-end **model building,monitoring,CI/CD pipeline** and scalable models on AWS Sagemaker
- Actively worked in an agile model pipeline deployment which utilized the scrum process with 1-week sprints
- Involved in developing custom sagemaker preprocessors,Estimators and Docker estimator images for building pipelines using Sagemaker workflows and orchestrated whole pipeline using AWS step function
- Designed and **Deployed** production level scalable MVP Platform for underwriters achieving a **significant time reduction from 2 weeks to just 5 minutes**, while utilizing AWS infrastructure.

Data Scientist (Domain - FMCG)

May 2019 – Nov 2021

Infosys Limited

Hyderabad

- Worked as Data scientist for Beverages company and involved in **preprocess of business data by performing EDA** to analyze the distribution,correlations and provided insights about data
- Involved in handling business data to provide inference about the ideal supplier based on various features like quoted prices,shipping charges etc., from various suppliers and responsible for the **reduction in procurement cost by 45 percent**

Software Developer Trainee

July 2018 – Mar 2019

DigiMind Engineering Services Pvt.Ltd.

Hyderabad

- Involved in client interaction during development,deployment,production elevation phases and requirement base lining.
- Performed research and development of efficient solutions using Python,OpenCV,JavaScript and HTML and later deployed in projects.Responsible for giving demonstrations and presentations for clients (Indian Army).

Education

Chaitanya Bharathi Institute of Technology, Hyderabad

Aug. 2015 – April 2019

Bachelor of Engineering ,Information Technology

CGPA: 9.03

Certifications

- Amazon Web Services Cloud Practitioner (Credential ID - 20B30Q7CTNE11359)
- AWS Certified Machine Learning - Specialty (Credential ID - 7L08EVHK7N1Q1SC4)
- Certified in Applied Machine learning – Applied AI course

Contributions

- Open source contributor for **MLflow,ProtectAI**
- Active contributor to the data science community through articles published on Medium
- Authored and published the ebook 'Python Primer: Essential Concepts for Newbies' on Amazon Kindle, providing a comprehensive guide to beginners on fundamental concepts of Python programming.

Achievements

- * Received Infosys Client Partnership Award for the contribution of day to day procurement operations
- * Spearheaded a 3-member team for the academic Project and got selected for the Students Project Programme 2019 on national wide
- * Received Best Disciple of the year award for being a school topper (10 CGPA) in zonal level