

GURU PRAVEEN VANKAM

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OBJECTIVE

Seasoned Machine Learning Engineer with nearly 3 years of extensive experience in developing advanced algorithms and models for ML and NLP applications. Proven track record in data preprocessing, and model training, ensuring optimal performance and generalizability. Follows Agile methodology and adept at collaborating with cross-functional teams and managing projects to successfully deliver ML and NLP solutions. Seeking to leverage expertise in a dynamic environment focused on innovation and impactful data science solutions.

TECHNICAL STACK

Data Science/ Machine Learning/ Deep learning/ Natural Language Processing: Python, Data Visualization, Supervised learning Algos, Unsupervised learning Algos, ANN, RNN, CNN, Exploratory Data Analysis, transformers, diffusers, LLMs

Mathematics for ML, DL & NLP: Algebra, Probability, Statistics, Calculus

Python Packages & Frameworks: Scikit-Learn, TensorFlow, PyTorch, Keras, NumPy, Pandas, BeautifulSoup, Selenium

MLOps Tools: ML flow, CI/CD

Web Development: HTML, CSS, Flask

Programming Languages: C, Python3, SQL

Databases: MySQL, MongoDB

Big Data Technology: Hadoop, PySpark

Cloud Deployment and Containers: Git, Docker, AWS, AWS SageMaker, Azure AI, Azure Kubernetes Service(AKS)

PROFESSIONAL EXPERIENCE

Machine Learning Engineer | Tata Consulting Services(TCS) Aug 2021 - Present

- Designed and implemented machine learning algorithms to analyze customer data, enhancing lead identification and supporting targeted marketing efforts.
- Spearheaded the development of predictive models within Microsoft's CRM Analytics, resulting in a 15% improvement in sales lead identification and a subsequent 10% increase in targeted marketing campaign effectiveness.
- Led model training and evaluation using large-scale datasets, applying cross-validation, hyperparameter optimization and model selection techniques. Resulted in 10 to 15% improvement in model performance.
- Stayed abreast of the latest advancements in AI, ML, and NLP research, driving innovation and enhancing the effectiveness of data science solutions.

KEY ACHIEVEMENTS

- Played a pivotal role in the migration of a legacy CRM system to Azure, resulting in a 15% improvement in system performance and a 10% reduction in annual infrastructure costs.
- Successfully reduced model training time by 21% through optimization techniques, resulting in faster iterations and improved time-to-deployment.

CERTIFICATIONS

- Amazon Web Services(AWS) Certified Cloud Practitioner Sep 2023
- Microsoft Azure Az-900 Oct 2023
- Microsoft AI-900, DP-100 Mar 2024

EDUCATION

- Bachelor Degree in Electronic & Communication Eng(ECE) from G. Pulla Reddy Eng College(Autonomous), Kurnool Aug 17 - July 21
- Completed 12Th grade from Sri Chaitanya Boys Jr. College June 15 – April 17