

GUNA SATYA SRI KOPPULA

Machine Learning Engineer

📍 Vizag, India ✉️ guna.koppula@gmail.com ☎️ 7013328625 🌐 Github
🌐 LinkedIn 🏠 HackerRank



Profile

Passionate AI Engineer with 3 years of hands-on experience in developing intelligent systems and leveraging data-driven insights. Experience in developing and deploying Gen AI and ML predictive modeling solutions. Good understanding of Deep Learning and Python frameworks. Capable of processing new data quickly and effectively communicating it.

Professional Experience

09/2022 – present
Intelligent Automation
(Communication Media
& Telecom)

Accenture Technology, Data Engineering Analyst

- **ACE:** Developed a Generative AI solution that helps in creating interactive websites. It also provides options to regenerate or refine content for all the sections. Worked on generating images based on the content.
- **Naming Assistant:** Developed a Generative AI solution that assists the user in the naming process by suggesting solution and asset names. Created Power BI dashboards for user feedback.
- **KB Article Generation:** Developed a Generative AI solution that aims to find the solution by going through multiple incidents and collating the required points for solving that issue.
- **Auto Problem Manager:** Developed an AI asset to automate problem management. It aims to ensure continuous tracking of repeating issues so that they can be resolved or investigated on a timely basis.
- **Auto Resolve Recommend:** Developed an AI-enabled automation solution that assists the operational support team member to quickly resolve tickets by automatically suggesting the appropriate action to be taken and executing the corresponding automation script based on confirmation.

09/2021 – 09/2022
Mojave Automation
(Communication Media
& Telecom)

Accenture Technology, Data Engineering Associate

- **E-Learning Rasa Bot:** Developed NLP (Natural Language Processing) chatbot interface for an e-learning platform enabling both trainers and learners to instantiate sessions, scheduling, and enrolling.
- **ASOP:** Automated issue identification, classification, and resolution using machine learning, text classification & clustering algorithms in the telecommunication domain data.
- **DevOps Dashboard:** Worked on the backend development of FastAPI services with Mongo database to create a dashboard that shows all of the contract and portfolio details.

Certificates

Microsoft Certified Azure Fundamentals

Machine Learning in Python with scikit-learn

Programming Essentials in Python from Cisco Networking

Accenture Automation Full-Stack Engineer

Extensive & Reimagined AI (ERA-V1)

Skills

Data Analysis & Visualisation

Data Extraction
Cleaning, Preprocessing, and Feature extraction
Data Visualisation and Dashboards
Frameworks/Tools: Numpy, Pandas, Matplotlib, Seaborn, Plotly, Power BI

Natural Language Processing

Text Preprocessing and Feature Engineering
Text Classification
Text Summarization
Frameworks: nltk, spacy, transformers

Neural Networks & Deep Learning

PyTorch, CNNs
Backpropagation
Batch Normalization & Regularization

Machine Learning

Linear Models - Regression & Classification models, SVM
Tree-based models
Hyper Parameter Tuning
Model evaluation and deployment

Generative AI

LLMs, Open AI models
API Integration and development
Model evaluation and deployment
Azure AI Services, Azure AI Search, Azure Cosmos DB

REST Services and Software Engineering

Core Python development
Languages/Tools: Python, Jupyter, Postman
Frameworks: FastAPI, Flask
DBs: MySQL, GCP BigQuery

Education

06/2017 – 08/2021
CGPA: 8.14

Bachelor of Technology in Computer Science,
Lendi Institute of Engineering & Technology, Vizianagaram

Achievements

- Received Accenture's prestigious Pinnacle Award for High Performance.
- Completed Accenture stream training.
- Achieved Accenture Power Platform Conversant Certificate of Recognition.
- Completed Machine learning course with scikit-learn.
- Enrolled and completed multiple courses related to Python, Machine Learning, and other newer technologies on Datacamp.
- Completed ERA V1 course for Deep Learning.