GURU KOWSHIK ANUMOLU

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SUMMARY

Data Science graduate with 3 years of experience in machine learning, artificial intelligence, web development, and database engineering. Proficient in Python, SQL, Django, FastAPI, NLP, and deep learning, with a strong track record of designing scalable applications, predictive models, and automation solutions. Skilled in data analysis, statistical modeling, and cloud technologies, driving workflow optimization and efficiency. Proven ability to deliver high-impact insights and artificial intelligence-driven solutions in fast-paced, dynamic environments.

EDUCATION

Master of Science - Data Science   Jan 2024 – May 2025
Lewis University
GPA: 3.6/4

Bachelor of Technology - Civil Engineering   Aug 2019 – May 2023
National Institute of Technology, Agartala
GPA: 3.67/4

SKILLS

Technical Expertise	Data Science, Machine Learning, AI, Statistics, NLP, Web Development
Programming Languages	Python, R, SQL, JavaScript, HTML, CSS
Machine Learning	TensorFlow, Keras, PyTorch, scikit-learn, Neural Networks
Data Science Libraries	Pandas, NumPy, Matplotlib, Seaborn, SpaCy, NLTK
Web Frameworks	Django, Flask, FastAPI
Tools	Tableau, Power BI, AWS, Databricks, PySpark, Hugging Face, OpenAI, Twilio
Databases	MySQL, MongoDB, Elasticsearch, SAS

EXPERIENCE

Software Developer, Axis My India, Mumbai, India   Jun 2023 – Dec 2023

- Developed and maintained internal mobile and web applications for the company.
- Integrated machine learning models for analytics and election exit poll prediction.
- Created a RETS API and FastAPI applications for internal data privacy and interactions.
- Automated internal tasks using desktop applications, improving workflow efficiency.
- Managed company databases, ensuring security and optimal performance.
- Developed test scripts using Selenium for web application quality inspection.

Internship Trainee, Qbec Infosol, Chennai, India   Jun 2022 – May 2023

- Developed backend features for a Real-Time EdTech web application using Flask.
- Implemented security features and optimized backend performance.
- Assisted in building APIs and integrating data for seamless functionality.

Engineer Intern, Larsen & Toubro, Aurangabad, India   Mar 2021 – Apr 2021

- Conducted soil strength tests for the Mumbai-Nagpur Express Highway project.
- Performed non-destructive and destructive tests to validate concrete mix batch strength.
- Studied structural detailing and drawings for construction insights.

PROJECTS

DataSage GitHub   Feb 2025 - Present

- DataSage is an AI-powered chatbot that allows users to upload datasets, perform exploratory data analysis (EDA), and train machine learning deep learning models interactively.
- Built with Python, Flask, JavaScript, MongoDB, and TensorFlow, the platform supports machine learning and neural networks (deep learning) for AI-driven data exploration.

Field Monitoring: Survey Data Analysis GitHub   Jun 2023 - Nov 2023

- Developed a field monitoring web application using JSP for collecting, analyzing, filtering, and monitoring survey data from the field.
- Served as Database Administrator, optimizing complex SQL queries, ensuring database health, and minimizing query complexity to enhance system performance.
- Contributed to maintaining robust data operations and providing actionable insights, significantly improving the efficiency of survey data handling.

House Price Prediction GitHub   Mar 2023 - Jun 2023

- Developed a robust house price prediction model using advanced machine learning techniques, including XGBoost, LightGBM, and CatBoost.
- Performed comprehensive data preprocessing, including handling missing values, encoding categorical variables, and scaling numerical features.
- Conducted exploratory data analysis (EDA) to uncover patterns and correlations, and optimized models using hyperparameter tuning.
- Evaluated models with metrics like R^2, RMSE, and MAE to ensure accuracy and reliability, demonstrating expertise in data analysis and machine learning.

CERTIFICATIONS

IBM Full Stack Software Developer   2024
IBM, Coursera
Mastering full-stack web development with Python, Django, Flask, SQL, and MongoDB.

IBM Data Science   2023
IBM, Coursera
Data Science, Python (Pandas, NumPy), Data Visualization (Matplotlib, Seaborn), Machine Learning Algorithms, Deep Learning (Neural Networks, CNNs, RNNs), Model Evaluation.

Selenium   2023
WhizLabs, Coursera
Automated Testing, Selenium WebDriver, Python, Test Automation Frameworks, Web Scraping, API Testing, Continuous Integration.