Aadhithya B

Machine Learning Engineer

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SUMMARY

Driven and analytical Machine Learning Developer with practical experience in designing, developing, and deploying intelligent solutions. Strong understanding of data patterns, model optimization, and predictive analytics. Focused on delivering impactful results through innovative and data-driven approaches.

EXPERIENCE

- **Ausweg Info Controls Pvt Lmt - Coimbatore (May-2025 to Sept-2025)**

  Energy Consumption Forecasting using Machine Learning (2025)

  - Built predictive ML models (ARIMA, SARIMA, Prophet) to forecast industrial energy usage.
  - Applied feature engineering on voltage, current, and shift data to improve accuracy by 15%.
  - Applied data preprocessing, feature engineering, and model evaluation techniques to ensure high accuracy.

  Enhancing Taxi Service using Machine Learning (2024)

  - Designed demand forecasting models to predict ride requests and peak hotspots and customer feedback.
  - Optimized driver allocation using predictive analytics, reducing average wait time by 10–12%.
  - Deployed backend services for real-time model integration with existing systems.

SKILLS

- AI: Machine Learning, Neural Networks and Deep Learning
- Programming: Python (Pandas | NumPy | Scikit-learn | Matplotlib | Seaborn |PyTorch | TensorFlow)
- Data Analysis: EDA, Feature Engineering, Model Evaluation, ML Pipelines
- Tools: GitHub, Google Colab, Jupyter Notebook, Streamlit, Apache Superset
- Database & Cloud: MySql, AWS
- Platforms: Ubuntu/Linux
- Soft Skills: Collaboration, Problem-Solving, Communication, Analytical Thinking

EDUCATION

- B.E. Computer Science Engineering | University College of Engineering, BIT Campus, Anna University 2020 – 2024 | CGPA: 7.7
- Velan Vikhass Matric Hr Sec School, Palani | 2018 – 2020 | 80%
- Montfort Valley School, Murickumthotty | 2017-2018 | 63% (CBSE)

CERTIFICATIONS

- GitHub Advanced Security (GitHub, 2025)
- Generative AI (Databricks, 2025)
- DevOps (Guvii, 2023)