ASHWATH **KUMAR SHETTY R**

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Links

Portfolio: https://ashwathshetty.netlify.app/
Linkedin: https://www.linkedin.com/in/ashwath-shetty14/

Skills

Languages: Python, SQL.
Libraries: Pandas, Numpy, Sci-Kit learn, Matplotlib.
Platforms and IDE: Jupyter Notebook, VSCode, Anaconda, Google Colab.
Model Selection and Building: Supervised and Unsupervised Machine learning techniques.
Development Frameworks: Fastapi, PyTorch, Keras, Pytorch lightning, Spacy.
Known Cloud Platforms and Software Packaging: Azure, Heroku, Netlify, Docker.
Version Control and Source Code Management: Git, Github, Dagshub.
Deployment Frameworks: Streamlit, Flask, Gradio.
VisualizationTools: Weka, Tableau(Beginner), Excel(Beginner).

Education

Dayanand Sagar University   Apr 2015 - Apr 2019
Bachelor of Technology in Computer Science

• **CGPA: 8.80/10**

• **Relevant Courses:** Machine Learning, Data Science, Probability and Statistics, Discrete Mathematics, Database Management System, DS and Algorithms, OOP.

Professional Experience

Tata Elxsi Ltd.   Bengaluru, Karnataka
Senior Software Engineer.   Oct 2019 – Present

• Working in a Multiplayer Edtech Game development project as a Team Lead and Lead Developer for one of India's Biggest Ed-tech Firm.
    • Aided in training and onboarding new comers to the team, keeping track of deliveries from the team to the client.
• Automated the complete performance review pipeline using python. Which includes analyzing the data and generating the report based on the available data. It helped the team to save huge amount of time in surfing the Excel sheet to generate the report manually.

Omdena   Remote
Lead Machine Learning Engineer   Oct 2021 – Present

• Recognizing the confidential information from documents for redaction.
    • Created the Azure SQL db and Retraining pipeline to improve the model.
    • Tools and Technologies used: NLP-NER, Spacy, Azure, Python, Labelbox, SQL.
• Identify the Root Cause Analysis of Anomalies in Datacenters using state-of-the-art Unsupervised Machine Learning techniques and causal inference mechanisms.
    • Solely Responsible for cleaning the data, preprocessing and creating the feature selection pipeline.
    • Tools and Technologies used: FbProphet, Python.

Achievements and Certifications

• Currently a Master in Machine hack's ML Hackathon Category and achieved all time global ranking of 215.

• Solved Various challenges in many ML hackathons which includes and not limited to Credit card fraud detection, sales prediction, Loan Default Prediction, and placed in the Top 1-5%.

• Machine Learning and Deeplearning Specialization from Coursera.