Ashwath Kumar Shetty R

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EDUCATION

- **B.Tech-CSE**(2019), Dayananda Sagar University, Bangalore
    - **CGPA:** 8.80/10
    - **Relevant Courses:** Machine Learning, Data Science, Probability and Statistics, Discrete Mathematics, Database Management System, DS and Algorithms, OOP.

SKILLS

- **Languages** – Python, SQL, C++, C, HTML.
- **Databases** – MySQL.
- **Probability and Statistics**.
- **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, Deep learning(ANN).
- **Data Visualization-** Microsoft Excel.
- **Development Frameworks**: PyTorch, Keras, Pytorch lightning.
- **SDLC** – Agile.
- **Known Cloud platforms and Software Packaging**: Heroku, AWS(basics), Netlify. Docker.
- **Version Control and Source Code Management**: Git, DVC, Github, Dagshub.
- **Deployment Frameworks**: Stramlit, Flask, Gradio.

WORK HISTORY

Tata Elxsi Ltd, Bengaluru, Software Engineer, 2019-Present, Full Time
Roles and Responsibility:

- Worked on a Multiplayer Edtech Game development project as a Team Lead and Lead Developer for one of India's Biggest Ed-tech Firm.
    - Worked in collaboration with multiple teams of client to develop and improve the product. Taking care of on time delivery from the team.
    - Automated the complete performance review pipeline using python. Which includes analyzing the data and generating the report based on the available data.

Omdena, Machine Learning Engineer, 2021-Present, Part Time

Roles and Responsibility:

- Working in collaboration with the Sensai team to identify the Root Cause Analysis of Anomalies in Datacenters using state-of-the-art Unsupervised Machine Learning techniques and causal inference mechanisms. The dataset is a multivariate time series data collected from different machines and applications in hybrid data centers.

- Contributing to all major steps of the Product Pipeline which includes Data Cleaning, EDA, Model Building and Deployment.

CERTIFICATIONS AND ACHIEVEMENTS

- 34th(Top 1%) in AmExpert 2021 – Machine Learning Hackathon hosted in Analytics Vidya by American Express.
- 26th(Top 2%) in All India Analytics Olympiad hosted in Machine hack by Shiv Nadar University.
- Top 30% in IITG summer analytics 2021 hackathon.
- Complete Python Boot Camp course from Udemy.
- Machine Learning by Stanford university from Coursera.
- Deep learning Specialization from Deeplearning.ai.
- Summer Analytics 2020 by IIT Guwahati.
- Introduction to SQL from Datacamp.
- Advanced SQL from Kaggle micro courses.

Check out more about me here: https://ashwathshetty.netlify.app/