Pilla Shanmukha Dhanush
Student

📱 +91 9014229617 shanmukhadhanush27@gmail.com 🏠 Bengaluru

in LinkedIn.com ⌨ Github.com 𝕏 Leetcode.com

Profile

My passion for data is complemented by my belief in its power for storytelling. I am dedicated to continuous learning, particularly in the field of data, using these skills to solve real-world problems. I have earned recognition for my presentations at prestigious events like NBUC and SAP, where I was appreciated for my innovative approaches.

Skills

- **Advanced Excel:** Power Query, Pivot Tables, Data Modelling, Data Analytics, Data Visualization *(Certificate)*

- **MySQL** LeetCode 50 *(MySQL LeetCode Badge)* **PySpark:** RDD, Spark SQL, MLlib *(Certificate)*

- **Machine Learning, Deep Learning:** Django, Pandas, Matplotlib, Numpy, Sci-kit, RAG models, Keras *(Certificate)*

- **Cloud Fundamentals:** AWS, Virtual Machines, Load Balancing, Auto-Scaling, GCP, IAM, Storage *(Certificate)*

- **Programming Languages and DSA:** Python, C *(Certificate)*

Education

BE Computer Science **Dayananda Sagar College of Engineering, Bengaluru, Karnataka** *2021-2025*
Current CPGA: 9.47

Professional Experience

Software Developer Intern, *(Win Research Center)* **Bengaluru, Karnataka** *11/2023 - 01/2024*
- Secured internship as a reward from a 24-hour hackathon

- Developed a Django-based website for a gym platform, featuring user-assisting AI capabilities such as nutrition charts.

Data Analyst Intern, *(Talentship Global Advisory Forum)* **Online** *08/2023 - 11/2023*
- Performed data analysis to generate actionable insights.

- Optimized business strategy and operational workflows through data-driven recommendations.

Highlighted Projects

Automated Model Selection and Evaluation for Machine Learning *(Project link)* 2024
- Created an automated model selection tool using Streamlit, leveraging Bayesian optimization to enhance classification and regression model performance. Enabled dynamic data visualization and user-driven predictions for diverse datasets

CNN - ResNets, U-Nets, Regression Models *(GitHub profile)* 2024
- Implemented ResNet on MNIST dataset, U-Net on flood area segmentation dataset, and Regression for nonlinear models

ChatBot - Pinecone Retrieval, PDF Extraction, and Direct Context *(GitHub profile)* 2024
- Experimenting different Query Approaches: Direct Context Input, Pinecone Retrieval, and PDF Extraction

Operational Finance Analysis for Rivigo Logistics *(Project link)* 2024
- Identifying the issue of budget overruns while delivery partners continue to experience losses.

- Developed a financial model calculator to optimize cost management and improve profitability.

Extra-Curricular

- **Industry Talks and Workshops:** Participated in and won prizes at talks and workshop competitions conducted by companies like Nokia's NBUC and SAP's design workshops

- **Sports:** National Handball 2015 and National Throwball 2018 player

- **Emcee - Event Host:** Hosted intra and inter college events as part of college's cultural group committee