Likith GM

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SUMMARY

A passionate and driven undergraduate student pursuing a Bachelor's degree in Electronics and Communication Engineering at PES University, Bengaluru. Highly enthusiastic about data science, with a keen interest in machine learning, data analysis, and visualization. Eager to apply analytical and technical skills to solve real-world problems, gain hands-on experience, and contribute meaningfully to the field of data science.

EDUCATION

PES University, Bengaluru, India
B.Tech in Electronics and Communication Engineering | July 2021 – July 2025

Deeksha Learning, Bengaluru, India
12th State Board (Physics, Chemistry, Maths, Biology) | May 2021

SKILLS SUMMARY

Languages: Python (Data Structures, Algorithms, ML, Data Analysis), C, SQL
Tools & Platforms: Docker, Git, MATLAB, Tableau, Power BI, Jupyter Notebook, PyCharm, VS Code, Excel
Technologies: AWS (S3, EC2, Athena), TensorFlow, PyTorch, Scikit-learn, Flask, Django
Database Technologies: MySQL, MongoDB, Snowflake, PostgreSQL, Oracle DB
Other Skills: Statistics and Mathematics(probability basics, regression analysis, hypothesis testing), Data Analysis, Data Visualization, MLOps, API Development, Cloud Computing, ETL Processes

ACADEMIC PROJECTS

- **Sports Analytics** – Conducted in-depth analysis of player and team performance using Python (Pandas, NumPy, Scikit-learn). Applied machine learning models (RandomForestRegressor, XGBRegressor, Ridge Regression) to predict outcomes and uncover performance trends. Visualized insights with Matplotlib and Seaborn for actionable decision-making.
- **Smart City Data Analysis** – Analyzed urban data including traffic flow, environmental sensors, and public service usage to optimize city planning. Leveraged Python, Pandas, and Matplotlib/Seaborn to extract patterns, identify bottlenecks, and suggest resource optimization strategies.
- **Healthcare Data Insights** – Examined patient and clinical datasets to detect trends in disease prevalence, treatment effectiveness, and outcomes. Used Python (Pandas, NumPy, Matplotlib, Seaborn) to visualize and interpret complex healthcare data, enabling evidence-based decision support.
- **Microcontroller-Based Weather Station** – Designed a real-time weather monitoring system using Arduino/Raspberry Pi. Integrated sensors (temperature, humidity, pressure, rainfall), wireless connectivity for IoT alerts, and an LCD dashboard for live data visualization. Automated extreme weather notifications.

STUDENT CLUBS

Head of AI/ML, Apple Developers Group Club, PES University – Mentored club members on **machine learning, data science, and AI applications**, while organizing workshops, coding sessions, and collaborative projects.

CERTIFICATIONS

- **Google Data Analytics Certificate** – Coursera
- **SQL for Data Analysis** – Beginner Level
- **Introduction to Machine Learning** – Coursera/edX