

Ajith K

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Location: Kochi

SUMMARY

summary

TECHNICAL SKILLS

- **Programming Languages** Python, SQL, C, C++
- **Data Science & ML** Pandas, NumPy, Scikit-learn, Machine Learning (Regression, Classification), Data Visualization (Matplotlib, Power BI)
- **Databases** MySQL, SQLite
- **Web & App Development** Streamlit(basic)
- **Tools** Git, Google Colab, Jupyter Notebook, PyCharm, VSCode, MySQL
- **Other Skills** Data Analysis, Problem Solving, Research, Report Writing

EXPERIENCE

- **Data Analyst Intern** On-Site
Luminar Technolab (Full-Time) April 2025 - Present
 - Analyzed datasets using Python, Pandas, NumPy, and MySQL to extract insights and trends.
 - Built and evaluated machine learning models for classification and regression problems.
 - Designed interactive dashboards in Power BI to visualize KPIs and business performance.
 - Developed a chatbot and other ML-based projects.
- **Lead Generation Analyst** On-Site
Sayantra Technologies LLP (Full-time) Sep 2021 - Dec 2023
 - Conducted market research and supported lead generation activities for home automation and security solutions.
 - Assisted in client outreach and maintained lead tracking systems to support the sales team.

PROJECTS

- **FPL Optimizer (Python, ML, SQL, Visualization)**
 - Designed and developed a Fantasy Premier League (FPL) optimizer using Python and MySQL.
 - Implemented machine learning models (Regression, Random Forest) for player point predictions.
 - Built automated squad, captain, and transfer recommendation system.
 - Integrated visualization dashboards using Matplotlib and Google Colab.
 - Applied modular design, unit testing, and database migrations for reliability.
- **HealthyBot – AI-based Health Companion App (Python, Streamlit, MySQL)**
 - Collected user inputs (age, gender, weight, diet preference, fitness goals) to calculate BMR and daily calorie needs.
 - Generated personalized diet and workout plans tailored to user profiles.
 - Integrated MySQL database to store and manage user data and meal logs.
 - Developed an interactive Streamlit interface for logging meals and tracking calories.
- **Attendance Monitoring using Facial Recognition (Python, OpenCV, Raspberry Pi)**
 - Developed an automated attendance system using Python and OpenCV.
 - Applied Viola-Jones algorithm for real-time face detection and recognition.
 - Initially implemented on Raspberry Pi for classroom use.
 - Adapted system for online learning by enabling face recognition in video calls during COVID-19.

EDUCATION

- **Federal Institute Of Science And Technology** kochi, India
Bachelor of Technology - Electrical And Electronics Engineering; CGPA: 6.49 July 2017 - June 2021

CERTIFICATIONS

- Completed Elements of AI by University of Helsinki — Introduction to AI fundamentals and real-world applications - Sep 2025
- Certified in Analytics 360 — Covered data analytics, visualization, and business intelligence concepts - Aug 2022