

BHARATH K

Aspiring Data Analyst | AI & Machine Learning Engineer

Phone: 8296490772 | Email: bharathk5052@gmail.com | LinkedIn: [linkedin.com/in/bharathk5052](https://www.linkedin.com/in/bharathk5052) | Portfolio: bharathkrishnamurthy.github.io/portfolio-website/

SUMMARY

Aspiring Data Analyst and AI/ML Engineer with hands-on experience in Python and SQL. Built real-world solutions using Machine Learning, Deep Learning, and Computer Vision. Delivered predictive models and interactive Power BI dashboards for data-driven insights.

TECHNICAL SKILLS

- Languages: Python, SQL
- Machine Learning: Regression, Classification, Clustering
- Data Analytics: Pandas, NumPy, EDA, Feature Engineering, Statistics
- Computer Vision: Face Detection, Object Detection
- Databases: MySQL, PostgreSQL
- Visualization: Power BI, Matplotlib, Seaborn
- Tools: FastAPI, Git, VS Code

PROJECTS

Real-Time AI Proctoring System

- Built a real-time computer vision-based exam monitoring system.
- Detected multiple persons and electronic devices to flag malpractice.
- Used CNN for face detection, emotion analysis, and confidence scoring.

Customer Behavioural Analysis

- Cleaned and analysed customer data using Python (EDA and feature engineering).
- Queried and managed data with SQL & PostgreSQL, integrating pipelines for analysis.
- Built Power BI dashboards and presented insights via PPT; hosted work on GitHub.

Crop Recommendation System

- Designed an ML-based crop recommendation system using soil and weather data.
- Applied classification techniques to support data-driven agricultural decisions.

Telecom Customer Churn Prediction

- Developed a Random Forest model to predict customer churn.
- Performed data preprocessing, feature engineering, and model evaluation.
- Identified key factors influencing customer retention.

EDUCATION

MS Ramaiah University of Applied Science — B.Tech in Information Science & Engineering
(2022–2026) | CGPA: 9.0/10

CERTIFICATIONS

- 21 Days 21 Projects – GeeksforGeeks (2025)
- Kaggle: House Price Prediction (2025)
- Data Science & Machine Learning Specialization – Johns Hopkins University (2025)
- Generative AI for Software Developers – Coursera (2026)
- SQL Skill Up – GeeksforGeeks (2026)

COURSEWORK

Data Structures • DBMS • Computer Networks • Operating System