Arish K S

+91 7010394033 | arishsmart2005@gmail.com | linkedin.com/in/arish-k-s-b1217a26a | github.com/Arish005

EDUCATION

Karpagam College of Engineering — Coimbatore, India
B.Tech in Artificial Intelligence and Data Science | CGPA: 7.88/10 — *Aug. 2022 – May 2026*

Bharathi Higher Secondary School — Namakkal, India
Higher Secondary Certificate (HSC) | Score: 68.3% — *May 2022*

Green Park International School — Namakkal, India
Secondary School Certificate (SSLC) | Score: 70.8% — *May 2020*

TECHNICAL SKILLS

Languages: Python, SQL, HTML, CSS

Frameworks Libraries: TensorFlow, Keras, Scikit-learn, OpenCV, Pandas, NumPy

Tools: Docker, Git, VS Code, Tableau, Google Colab, Jupyter Notebook

Techniques: Regression, Classification, Clustering, Forecasting, Transfer Learning

Soft Skills: Communication, Analytical Thinking, Team Collaboration

EXPERIENCE

Machine Learning Intern — Aug. 2024
Cognifyz Technologies, Coimbatore
Built and tested ML models, improving prediction accuracy by 20%.
Analyzed 10,000+ records to identify behavioral patterns, raising engagement by 15%.
Streamlined large-scale data pipelines using Python and Scikit-learn, cutting runtime by 30%.

Machine Learning Intern — Oct. 2023
Code Clause, Coimbatore
Created spam detection system with 95% precision using supervised learning.
Designed real-time mask detection tool using CNN with 94% accuracy.
Enhanced blindness detection through integrated NLP and image processing.

PROJECTS

Women Safety Analytics App — Sep. 2024
Built AI-powered mobile app for real-time threat detection and emergency alerts.
Integrated GPS and gesture recognition to trigger alerts with 90% responsiveness.
Reduced false positive alerts by 30% through model optimization.

Restaurant Recommendation Engine — Aug. 2024
Built ML model to predict ratings with 25% higher accuracy using regression algorithms.
Performed customer segmentation and cuisine analysis for better targeting.

Medico Plus — NFC Healthcare Platform — Oct. 2024
Developed NFC-enabled system for secure patient-doctor record access.
Applied industry-grade data protection methods for secure communication.

Demand-Supply Forecasting System — Jan. 2025
Applied time-series forecasting to improve inventory allocation.
Built dashboards in Tableau to visualize demand trends and reduce surplus by 18%.

CERTIFICATIONS

Advanced Diploma in Python Programming	Nov. 2022
Python for Data Science – NPTEL	Aug. 2023
Data Analytics with Python – NPTEL	Apr. 2024
Big Data Analytics Methods – NPTEL	Oct. 2024
Qlik Sense Business Analyst Qualification	Oct. 2024
Salesforce Trailhead (Innovator Level)	May 2025

ACHIEVEMENTS

3rd Place – Eureka! Pitching Competition (IIT Bombay Collaboration)	Oct. 2024
Finalist – Hack Summit 5.0 (SRM IST)	Apr. 2024
Shortlisted – Smart India Hackathon Internal Round	Sep. 2024
Finalist – eYantra ROS2 Navigation Challenge	Apr. 2024