FARIYA RAHMATH

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Dedicated Computer Science student with a strong foundation in analytical thinking, hands-on experience in machine learning, and proficiency in programming languages including Python, Java, and C. Demonstrated adaptability in collaborative team environments and independent projects, consistently meeting guidelines and deadlines with precision.

EDUCATION

Saranathan College of Engineering — Tiruchirappalli, Tamil Nadu

Bachelor of Engineering in Computer Science and Engineering — **CGPA 8.5/10**

Represented my department by functioning as the student placement coordinator.

TECHNICAL SKILLS

Programming Languages: Python, Java, C
Web Development: HTML, CSS, JavaScript
Frameworks and Platforms: Microsoft Power BI, WEKA, MS Excel, VS Code, Git
Libraries: Pandas, NumPy, Matplotlib, Keras, TensorFlow

CERTIFICATIONS

- **Introduction to Data Structures and Algorithms** — November 2022
  Demonstrated proficiency in foundational data structures and algorithms. — InLustro
- **Networking Essentials** — May 2023
  Gained a strong understanding of networking concepts and protocols. — CISCO
- **Data Analytics** — December 2023
  Gained hands-on experience in data analysis. — IBM
- **Web Development** — March 2024
  Focused on front-end and back-end web development. — Teachnook
- **Machine Learning to Generative AI** — May 2024
  Acquired expertise in machine learning and generative AI. — IBM

EXPERIENCE

Cognifyz Technologies (Microsoft Power BI, Data Visualization) — June 2024 – July 2024
Data Analyst Intern — Tamil Nadu, India

- Collected, imported, and cleaned datasets to ensure data quality and consistency. Conducted detailed feature analysis to extract meaningful insights from the data.
- Designed and developed AI-powered dashboards and reports using Power BI. Performed comprehensive data analysis, gaining hands-on expertise in Power BI and data analytics.

OctaNet Services Pvt. Ltd. (Python, NumPy, Pandas) — July 2024 – August 2024
Python Developer Intern — Tamil Nadu, India

- Streamlined and implemented a Python-based simulation to replicate ATM machine functionalities, including withdrawals, deposits, balance inquiries, and user authentication.
- Utilized Python programming to model real-world banking operations effectively and efficiently.

PROJECTS

- **Customer Churn Prediction** (Tensorflow, SVM, Machine Learning)

  Utilized Support Vector Machines (SVM) to build a predictive model for identifying potential customer churn, analyzing patterns in customer behavior to improve retention strategies.

- **Credit Card Customer Churn Prediction** (Keras, Pandas, NumPy, ANN)

  Developed a machine learning model using Artificial Neural Networks (ANN) to predict credit card customer churn, achieving accurate insights for financial decision-making.

- **Maternal Mortality Risk Rate Prediction** (NumPy, Pandas, Matplotlib, Keras)

  Devised and implemented a Decision Tree Classifier (DTC) to assess maternal mortality risk, leveraging healthcare data for predictive analytics to support early intervention.