

Muhammed Faizal S

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SUMMARY

To secure a position as a data scientist or analytics professional in a challenging and dynamic environment where I can utilize my skills and knowledge to contribute to the growth of the organization while enhancing my own skills.

INTERNSHIPS

TCSiON - Rank Features of Smartphones

Apr 2023 - May 2023

- Conducted research and analysis on the latest smartphone models and features.
- Developed a ranking system based on user preferences and market trends.
- Utilized statistical analysis and data visualization tools for data interpretation.
- Collaborated with a team to present findings to senior management during the internship.

ICT Academy-Robotic Process Animation

Mar 2019 - Apr 2019

- As an RPA intern, I collaborated with senior developers to design and develop automation workflows.
- Configured and deployed RPA bots.
- Conducted testing and debugging.
- Documented processes.
- Identified potential RPA use cases.

PROJECTS

Loan Status Prediction Project

- Built a loan status prediction model using supervised learning algorithms (logistic regression, decision trees, and random forests).
- Conducted Exploratory Data Analysis (EDA) and implemented data preprocessing techniques like feature engineering and scaling to enhance model performance.
- Achieved a 95% accuracy rate in predicting loan status by considering factors such as credit history, income, and employment.
- Utilized Python programming language and machine learning libraries, including NumPy, Pandas, Scikit-learn, and Matplotlib.
- Deployed the model on a website using Python Flask.

Rice Plant Disease Detection Project

- Developed a deep learning model using Convolutional Neural Networks (CNN) to detect and classify diseases in rice plants.
- Trained the model on a dataset comprising images of both healthy and diseased rice plant leaves using Keras and TensorFlow frameworks.

- Conducted hyperparameter tuning to optimize the model's performance.

EDUCATION

2022 - 2023	Data Science and Analysis at ICT Academy, Kerala	(74 %)
2018 - 2022	BTech in Computer Science at Younus College of Engineering	(65 %)
2016 - 2018	Class 12th at Govt: Boys Higher Secondary School	(75 %)

TECHNICAL SKILLS

Programming

- Python
- C
- SQL

Data Manipulation and Analysis

- Pandas
- NumPy
- SciPy

Statistical Analysis

- Regression Analysis
- Statistical Tests
- Time series Analysis

Data Visualization

- Tableau
- Seaborn
- Matplotlib

Database Management

- SQL
- NoSQL

Machine Learning

- Scikit-Learn
- TensorFlow
- Cross-validation techniques
- model evaluation

SOFT SKILLS

- Time And Project Management
- Analytical and Problem-Solving Skills
- Attention to Detail and Accuracy
- Effective Communication and Presentation Skills
- Ability to Work Independently and Collaborate in Teams
- Adaptability and Continuous Learning

PERSONAL INFORMATION

- Languages : English, Malayalam, Hindi
- Location : Kerala, India