

Jayand. J

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SUMMARY

Highly organized and initiative-driven Data Science professional with a strong foundation in Software Development, seeking to leverage technical expertise and collaborative skills to drive impactful outcomes. With a keen attention to detail, deliver high-quality results and build strong rapport with cross-functional teams and stakeholders to ensure project success.

WORK EXPERIENCE

Junior Software Developer., FieldNXT Service Solutions.,Thiruvananthapuram. 2020-2021

- Developed, tested, and maintained multiple web applications using MeteorJS and MongoDB, ensuring high-quality and scalable solutions.
- Designed and implemented scalable, reliable, and maintainable solutions, leveraging expertise in software development life cycles and agile methodologies.
- Utilized Mongo DB to manage and query large datasets, optimizing data storage and retrieval for improved application performance.
- Integrated Elastic search to enable efficient search and data analysis functionalities, enhancing user experience and business insights.
- Managed a process re-engineering project to improve and consolidate end-to-end service processes; restructured communication flow among 10 departments and cut down paperwork by 75%.

INTERNSHIP

Data Intern, ICT Academy Kerala , Thiruvananthapuram . 2024

Project: Credit Score Prediction using Machine Learning

- Build a machine learning model to predict credit scores based on various financial and demographic features
- Used Python, NumPy, Pandas, and Scikit-learn libraries to preprocess and analyze the data.
- Trained a best model on the data with best performance . Achieved an accuracy score of 87% on the test data
- Deployed the model using pickle and made predictions on new, unseen data
- Analyzed and resolved class imbalance issues within datasets containing over 100,000 entries; implemented effective strategies resulting in improved model performance and reliable predictions for unseen transactional data.

Project: Fraud Transaction Detection using Machine Learning

- Implement a machine learning model to detect fraudulent transactions based on various financial features
- Applied Python, NumPy, Pandas, and Scikit-learn libraries to preprocess and analyze the data
- Trained a best model on the data with best performance . Achieved an accuracy score of 88% on the test data
- Deployed the model using pickle and saved the scaler for future use
- Analyzed large financial datasets containing 1M+ transactions to identify patterns indicative of fraud; designed targeted machine learning solutions that improved detection rates and reduced false positives by 25%.

EDUCATION

Master of Computer Applications

University of Kerala, Thiruvananthapuram , 72%

Bachelor of Computer Applications

University of Kerala, Thiruvananthapuram , 68%

CERTIFICATIONS

- Certified Specialist in Data Science and Analysis , ICT Academy Kerala, August-2024
- Tableau Essential Training, LinkedIn Learning , March 2024
- Data Science with -R , Simplilearn ,January 2024
- SQL for Data Science ,Great Learning ,January 2024

SKILLS

Industry Skills:

- Data Science:
 - Data Preparation and Cleaning (Pandas, NumPy, Scikit-learn, Matplotlib)
 - Data Cleaning
 - Statistical Analysis
 - Data Visualization
 - Machine Learning
 - Image Processing
- Software Development:
 - Front-End Development (HTML5, CSS, JavaScript, Flask,Meteor JS)
 - Visualization (Tableau, Seaborn, PowerBI)
- Business:
 - Business Acumen
- Programming:
 - Python , R Programming
- Databases: PostgreSQL, MySQL,SQL.

Interpersonal Skills:

- Attention to Detail
- Communication
- Problem Solving
- Analytical Skills