ABHIJITH RAJEEVE
AI/ML ENGINEER

|+91-9495635560 | abhijith.r68@gmail.com | LinkedIn | GitHub- Abhijithr68 | Alappuzha(690505) ,Kerala ,India|

SKILLS

- Programming Languages: Python, R, C program, C++.
- Database and Management: SQL, SQLite.
- Data Analysis & ML: Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow.
- Big Data & Cloud: Hadoop, Apache Spark, AWS, Google Cloud.
- Web Development: React, Html, CSS, JavaScript, Flask.
- Tools: Tableau, Power BI, VS Code, PyCharm, Anaconda, Git, GitHub.
- Soft Skills: Utilized strong analytical reasoning to resolve issues, Effectively communicated complex ideas to diverse teams.

WORK EXPERIENCE

Freelance (Web Developer, Data Analysis)
Self-Employed, Remote - June 2024 to *Present*

- Spearheaded versatile website development utilizing React, JavaScript, HTML, and CSS, boosting user engagement.
- Collaborated with stakeholders to gather detailed specifications and deliver custom solutions, achieving 100% project delivery on time.
- Managed version control and improved workflows through Git, cutting development time by 20%.
- Performed extensive data evaluation with Python, SQL, and Tableau, generating actionable insights that enhanced operational efficiency by 25%.
- Created and deployed predictive algorithms, improving customer retention and demand forecasting accuracy by 15%.
- Streamlined data workflows by implementing Python automation, cutting manual effort by 35% and enhancing operational efficiency.
- Formulated seamless data integration workflows, enhancing data accessibility by 25% and enabling faster decision-making across teams.

Data Science Intern
Luminar Technolab, Kochi - September 2023 to May 2024

- Led the integration of diverse data sources into a unified system, enhancing data consistency and availability across platforms.
- Initiated the creation of machine learning models using Python, optimizing prediction accuracy for sales forecasts and customer behaviour.
- Engineered robust data pipelines for real-time analytics, improving operational efficiency and enabling quicker decision-making.
- Developed and tested predictive algorithms using statistical methods, achieving a 20% increase in forecasting reliability.
- Enhanced database queries and reporting processes using SQL, boosting data retrieval speeds by 30%.
- Implemented advanced feature selection techniques to improve machine learning model performance, increasing prediction accuracy.

MAIN PROJECTS

Mood Based Music Recommendation System (Web-App)

- Innovated a web app using React (frontend) and Flask (backend) to detect user mood through facial expression analysis with OpenCV and TensorFlow. And Integrated Spotify API to provide real-time music recommendations based on detected moods and utilized SQLite3 for user authentication and data storage.
- Trained and deployed a machine learning model for emotion classification, ensuring seamless user experience and scalable performance.

Cipher – Search System for Cloud Data (Web-App)

- Engineered a secure web-based search application using Flask and Python, integrating encryption algorithms (AES, RSA) to safeguard data confidentiality throughout storage and retrieval processes.
- Implemented secure indexing techniques to facilitate encrypted search queries while maintaining data integrity. Integrated RSA encryption for robust data transmission between client and server, thereby fortifying the overall security of the system.

EDUCATION

- Bachelor Of Technology in Computer Science and Engineering.
  A P J Abdul Kalam Technological University, Kerala, India [2019-2023].
  CGPA - 6.46.

CERTIFICATIONS

- "Certified Security Operations Center Analyst Course"
  ASAP Kerala & EC-Council [Jan 02,2024]
- "Enhancing Soft Skills and Personality"
  NPTEL & IIT, Kanpur[April, 2022]

LANGUAGES

- English
- Hindi
- Malayalam
- Tamil