Waqas Dost

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Professional Summary

Passionate Computer Science graduate from FAST-NUCES. Enthusiastic about Development and Data Science, I love exploring cutting-edge technologies. I am committed to continuous learning and pushing boundaries. Seeking a dynamic role where I can constantly grow and contribute to innovative projects.

Education

FAST National University of Computer & Emerging Science, *B.S Computer Science*   Sep 2020 – Jun 2024
GPA: 2.91

Relevant Coursework: Data Structures and Algorithm, Operating System, Software Design and Analysis, Database Systems, Web Programming, Information Security, Artificial Intelligence, Data Science, Computer Vision

Skills

Android Development: React Native, JavaScript, Native Module Integration, State Management, Navigation, Styling, Firebase Authentication, Firestore Database, API Integration, App Store Deployment.
Data Science: Data Collection, Data Scraping, Data Annotation, Bulk, Grafana, Power bi, Tableau
Generative-AI: Llama, Python, Llama-CPP, Fine-Tuning LLM,
Web Development: JavaScript, Node.JS, Express.JS, React.JS, SQL, MySQL, PostgreSQL, Redux, MVC Architecture, Firebase, Git.

Work Experience

CodSoft   **Remote**
Internship   Jan 2024 – Feb 2024

- Implemented predictive models for Titanic survival, movie ratings, and Iris flower classification, honing skills in data preprocessing, feature engineering, and advanced machine learning techniques.
- Gained dynamic data science expertise through hands-on experience and mentorship, strengthening my abilities in data visualization, model evaluation, and future projects.

Sell Out Dashboards   **Remote**
Contract Based Freelancer   Mar 2024 – May 2024

- Developed multiple dashboards for NACON, focusing on sales and competitor analysis using data from CSV files and website sources.
- Leveraged Tableau and Power BI to create insightful and interactive visualizations, driving data-driven decision-making.

Selected Projects (https://github.com/dost0092)

Cat Connect (A Comprehensive Feline Breeding System) GitHub   **React Native, Firebase, Node.js, ML, LLMs,**
Developed Cat Connect, a mobile app connecting cat breeders and vets, featuring chat, video consultations, appointment scheduling, and personalized breed recommendations.

Web based Lost and Found System (Full Stack Developer) GitHub   **React.js, Node.js, Express.js, MySQL2, Redux**

- Developed a lost and found system using React js Node.js, Express.js, MySQL2, Sequelize, and Jest, with version control via GitHub, enabled user registration, item management, and admin oversight, with email notifications for found items

Arrhythmia Detection Through ECG Data Analysis: A Comprehensive Study (Data Science) GitHub
Python, Jupyter, Power bi, PostgreSQL

- Analyzed ECG data for cardiac rhythm disorders using the "WFDBRecords" dataset, employing wfdb, psycopg2, and PostgreSQL for data preprocessing and storage. Conducted EDA, visualized ECG signals, and used PCA for dimensionality reduction, enhancing arrhythmia detection and contributing to better cardiovascular health outcomes.

Selected Certificates

- Introduction to Tableau (DataCamp)
- Intermediate SQL (DataCamp)
- Introduction to NumPy (DataCamp)

Extra-Curricular Activities

- Head Finance FAST Photography Society	- Head Management FAST DAIRA Cricket Tournament	- Photography, Videography