Muhammad Mujtaba Arif

Deutsche Bank Internship (f/m/x) in Technology, Data & Innovation

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Skills

Languages	Python, C/C++, JavaScript, HTML,	**Development**	Agile Methodologies
Cloud	MS Azure	**MS Office**	Teams, PowerPoint, Excel, Word
Visualization	PowerBI, Tableau	**Other**	Project Management
Management	Jira		

Education

Hochschule Nordhausen - University of Applied Sciences	Oct 2022 – Present
NED University of Engineering and Technology	Dec 2015 - Aug 2019

Bachelor of Engineering in Electronics

Projects

Smart Notice Board   **Python/SQL**

– Developed a Raspberry Pi-based smart notice board that is voice-interactive and equipped with buttons to display daily notices, student attendance, and mark sheets, enabling a 30 percent faster results display.
– Made the software design interface using Tkinter and managed the 350 students database with SQL, incorporating a biometric thumb impression system for attendance tracking.
– Enabled real-time updates and user-friendly access to information for improved attendance keeping by 15 percent.

Web Applications:

Simon Game   **JavaScript/HTML/CSS**

– Built and maintained longer patterns with each round to test the player's recall and reproduction abilities.
– Implemented user interfaces and backend logic to improve the overall gameplay experience and ensure seamless interaction for users.
– The game is devised to strengthen memory and attention skills, with players experiencing a 30 percent improvement in recall accuracy through repeated play.

Machine Learning:

Housing Price Prediction Model   **Python**

– Build a predictive model using machine learning to forecast housing prices, considering key factors such as location, BHK count, property size, and amenities, to achieve an accuracy improvement of 10-15 percent over traditional methods.
– leverage a dataset containing over 10,000 housing records, encompassing diverse geographical areas, and preprocess the data by handling missing values and normalizing key features.
– Leverage historical real estate data, using algorithms like Linear Regression, Random Forest, and Gradient Boosting to predict prices with precision.
– Pandas,Numpy, Scikit-learn and Matplotlib used for respective tasks.

Experience

Electrical Engineer   Nov 2020 - Oct 2022

Barqtron Engineering Solutions Pvt. Ltd.

– Supervised all aspects of project management including planning, execution and ensuring timely delivery of projects while adhering to established deadlines, quality standards and Technical Documentations for LV,MV,HV,EHV power systems.
– Monitored project timelines and plans to overcome delays caused by unforeseen factors, resulting in a 15 percent time savings and early completions.
– Achieved a 10 percent cost saving through effective planning while managing project delays, milestones and implementing data-driven cost cost control strategies.
– Conducted comprehensive reviews of incoming technical tender documents and providing detailed briefings to management, including quantitative analysis where applicable.

- Managing subcontractors and other service providers in completion of project.
- Contract Management, Negotiations and timely procurement of FCC and LCC components.

Application Engineer   Nov 2019 – Nov 2020
Sky Electric Pvt. Ltd.
- Delivered technical presentations to clearly articulate product and service offerings to prospective clients and customers, proposing tailored solutions that improve client engagement by 25 percent, and designing custom approaches as required to meet specific needs of solar solutions.
- Proposed optimal solutions based on comprehensive analysis of client requirements, leading to a 20 percent improvement in project efficiency and client satisfaction.
- Coordinated weekly reviews on key metrics related to scope management leading directly to enhanced stakeholder communication practices that refines overall satisfaction ratings among clients post-project delivery.
- Led comprehensive site surveys to gather critical data, resulting in the creation of over 10 detailed 3D models for solution installations that enhanced client presentations and optimized decision-making processes.
- Managing the execution of solar energy projects.

Certifications
- Complete Web Application Development - Udemy.
- Applied Machine Learning and Data Science - NED UET.
- Machine Learning with Python - Coursera.

Languages
- English (Business fluent).
- German.