


Maida Saeed

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Education

Iqra University
Bachelors in Computer Science

May 2021 – Feb 2025
Karachi, Sindh

Experience

Junior SQA Engineer

Feb 2025 – Present

Digital to Design

- Responsible for end-to-end quality assurance of finance-based web and mobile applications.
- Tested and validated **Merchant Advance Calculator** app, focusing on customizable financial templates, formula accuracy, proposal generation, and multi-channel document delivery.
- Contributed to testing and validation of the **FunderzGroup Calculator**, a financial tool used to compute funding amounts, factor rates, fees, and repayment terms, ensuring precision and consistency across multiple funding scenarios.
- Collaborated with developers and create detailed test plans and scenarios, execute functional, regression, and integration testing, and log defects for continuous improvement.
- Maintained clear and thorough documentation of bugs and enhancements using project management tools like Jira.

Relevant Coursework

- Data Structure
- Algorithm Analysis
- Artificial Intelligence
- Natural Language Processing
- Software Methodology
- Data Science
- Database Management System
- Software Quality Assurance
- Web Programming Languages

Projects

Chatbot App for university Information | *Python, NLP, Neural Network, Google Cloud*

Jan.2024 – Feb 2024

- Developed an Urdu chatbot utilizing LSTM Autoencoder and Attention Mechanism for university information retrieval.
- Trained on a substantial corpus of university-related data to enhance knowledge and comprehension of queries in Urdu.
- Achieved an accuracy of 85% in responding to user queries, surpassing traditional LSTM-based approaches.

Medical Consultation System | *React, ExpressJS*

April.2024 – June 2024

- Schedule doctor appointments and book Doctor of your own choice
- Order medicines online and get them delivered to your doorstep.
- Interact with a medical chatbot for instant answers and advice

Chronic Heart Failure Prediction System| *Machine Learning, UCI Dataset*

July 2024 – Aug 2024

- Developed a predictive model to assess chronic heart failure risk post-myocardial infarction.
- Utilized comprehensive machine learning techniques including logistic regression and SVM.
- Addressed data challenges like imputation, feature selection, and class imbalance with SMOTETomek.
- Achieved a balanced performance with key metrics for early diagnosis to aid clinical decision-making

Dermatologist Chatbot | *Python, Computer Vision, NLP, VIT, Llama, Google Cloud*

Aug 2024 – Feb 2025

- Developed a sophisticated dermatologist chatbot using a multimodal RAG model to analyze skin diseases.
- Implemented VIT for advanced computer vision tasks to accurately identify and diagnose skin conditions from images.
- Integrated Llama model for detailed treatment recommendations and analysis of environmental factors affecting skin health.
- Designed a comprehensive report analysis feature and provided personalized treatment recommendations.

Technical Skills

- Languages:** Python, HTML/CSS, JavaScript, SQL, Java.
- Development Tools:** VS Code, Jupyter, PowerBI, Git/GitHub, Excel.
- Technologies/Frameworks:** ReactJS, NextJS, Redux, TensorFlow, Keras, WordPress, Contentful.
- Testing Methods:** Usability testing, Performance testing, Functional testing, Regression testing.
- Bug Tracking Tools:** Jira, Microsoft Azure.