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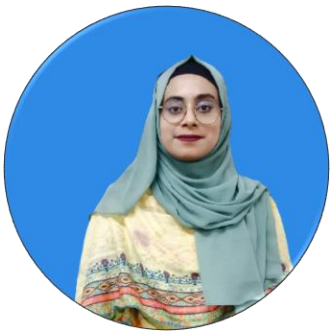

Career Objective

Motivated and detail-oriented recent graduate with a Bachelor's degree in Computer Science looking to start a career in software quality assurance. Proficient in testing methodologies, test case design, and defect tracking. Eager to apply theoretical knowledge of testing procedures, together with a strong desire to ensure software stability, to contribute to the success of creative initiatives. Seeking an entry-level position in SQA where I can apply my analytical talents, attention to detail, and dedication to the continual development of software quality processes and also professional growth in the dynamic field of software testing.

Scholastic Records

SL	Certification Name	Discipline /Major	School/College/ University/Institute Name	Current Status	Result	Passing Time (YYYY)
1.	B.Sc.	CSE	Ahsanullah University of Science and Technology	Passed	3.63	2023
2.	HSC	Science	Bhola Government College	Passed	5.00	2017
3.	SSC	Science	Bhola Government Girl's High School	Passed	5.00	2015

SQA Skills

- **Manual Testing:** Requirement Analysis, Test Planning, Designing, Writing and Reviewing Test Cases, Test Execution and Evaluation, Creating Test Report, Root cause analysis & Bug Reporting using test management tools
- **Performance Testing Tool:** JMeter
- **API Testing Tool:** Postman
- **Agile Methodology and Project Management Tool:** Clickup
- **Concepts:** SDLC, STLC

Technical Skills

- Programming Language: **SQL, C, C++, Java, Python, HTML, CSS, C#, PHP, JavaScript**
- Database: **MySQL, Oracle, Firebase, Microsoft SQL Server**
- Framework: **ASP.NET MVC, Bootstrap, Java Swing**
- Other Technologies**: Microsoft Power BI, Android Studio, scikit-learn, NumPy, Pandas, Matplotlib, TensorFlow**.
- Source and Version Control: **GitHub**

Sample Works-Manual Testing

- **Test Case Writing**
  Link**:**
  Load Testing Using Jmeter
  Link**: GitHub link**

- **API Testing Using Postman**
  Link**: GitHub link**

Sample Works-Automation Testing

- **Web Automation Testing**
  - ✓ **Project Name**
    Link: **GitHub link**

Training

- **Bug Resistance SQA Course** (January,2024 to May,2022)

University Project

- **Machine Learning Projects**:
  Applying Machine learning algorithms to detect stressed text in social media comment
  The main objective of this project is to reliably detect positive and negative emotions in English-language tweets on Twitter and comments or posts on Facebook.
  Algorithms: Deep Neural Network and other supervised machine learning algorithms
  GitHub Link: https://github.com/Ayeshanuha/Applying-Machine-learning-algorithms-to-detect-stressed-text-in-social- media- comment
  Salary Prediction of undergraduate engineers Using Machine learning language
  This project aims to develop a computerized system to maintain all the daily work of salary growth graphs in any field and can predict salary after a certain period.
  Algorithms: Unsupervised machine learning algorithms.
  GitHub Link: https://github.com/Ayeshanuha/Prediction-undergraduate-Engineers-salary-using-machine-learning
  Time Series Analysis For Stock Price Prediction
  This project analyses the time series for stock market forecasting
  Algorithms: Multi-Head Attention (Transformer Model), LSTM (Long short-term memory) Neural Network, Bidirectional LSTM, ARIMA model, HMM.
  GitHub Link: https://github.com/Ayeshanuha/Time-Series-Analysis-For-Stock-Price-Prediction
- **Database Projects :**
  Fish Farm
  In this project, Stored information and manipulation of different types of fish and also, two admin is present and both of them see all the information of one another branches information. And can also communicate with the branch manager through a Real-time chat.
  Technology used: NetBeans 8.1, MySQL.
  GitHub Link: https://github.com/Ayeshanuha/FishFarm
  Restaurant Management System
  In this project, the Admin can Store all the necessary information like customer and employee information and manipulate the data, and also provide the payment sheet as a pdf format.
  Technology used: NetBeans 8.1, Xampp.
  GitHub Link: https://github.com/Ayeshanuha/Restaurent-management-system
- **Distributed Database Project :**
  Parcel Masters
  Project for analyzing product selling trends in different months along with product types searching, transaction, showing the delivery date, and also canceling. Data is physically stored across multiple sites and independently managed (Distributed Database).
  Technology used: Oracle Database,PL/SQL.
  GitHub Link: https://github.com/Ayeshanuha/Parcel-Masters
- **Web Application :**
  Grenarry
  A Web Application using ASP.NET MVC-5, for selling different types of plants. There is a recommendation system based on top-rated and top-sold plants and an alert system for stocked-out items. This project is done by using C# language.
  Technology used: Visual Studio, Firebase Real-time database.
  GitHub Link: https://github.com/Ayeshanuha/Grenarry
- **Android Project :**
  The-Housepital
  An Android application for patients. Through this app user can find the phone number of nearby Ambulance

and also useful this project specially women. By using this project women can see their period time and also show some necessary information of menstrual cycle. This app notifies users, how much water one should take on menstrual cycle.
Technology used: Android Studio, Firebase Real-time database.
GitHub Link: https://github.com/Ayeshanuha/The-Housepital

- **Website :**
  HorekHari:
  A website for people providing information about different types of products with a booking and canceling system.
  Technology used: HTML, CSS, JavaScript, PHP, Xampp.
  GitHub Link: https://github.com/Ayeshanuha/HorekHari
- **IGraphics :**
  Slaying-Ninja:
  In this project, Attack the enemy and collect coins. Depending coins amount, upgrade the level of the game. This project is done by using C++ Language.
  Technology used: Visual Studio and Local Host.
  GitHub Link: https://github.com/Ayeshanuha/Slaying-NinjA
- **Computer Graphics:**
  Mobile Phone:
  In this this project, camera rotate around the object, using texture, texture will change on the screen and also lighting position will rotate around the object.
  Technology used: Three.js, CSS, Web App server.
  GitHub Link: https://github.com/Ayeshanuha/Mobile-phone-CG-Project-
- **Hardware Project :**
  Covid Detector Door:
  In this project, one is came Infront of the door and then door detect an object, after detecting the object, the temperature is taken, and if the temperature is greater than normal temperature then buzzer pressed and also shows the symptoms of COVID. In this project, also provide hand sanitizer using the sensor. Different types of sensors are used in this project.
  Technology used: Arduino Mega, Porteous.
  GitHub Link: https://github.com/Ayeshanuha/Covid-Detector-Door

Thesis

Apply Machine Learning Algorithms to Predict Product Rating Scale by Observing The Smartphone Sensors Data

The main objective of this project is to make the rating scale easier for the users to see their preferred rating scale without selecting anything. The rating scale will be provided to users based on user type and mobile experience.

Algorithms: K-means, Agglomerative, Spectral clustering, and other unsupervised machine learning algorithms.

GitHub Link: https://github.com/Ayeshanuha/sensorRatingScale

Publication

Paper Title: Stock Price Prediction: A Time Series Analysis.

Published by 2022, 25th International Conference on Computer and Information Technology (ICCIT).
Publication URL: https://ieeexplore.ieee.org/document/10056009

References

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