AYSHA AKMAL

Daffodil International University, Bangladesh

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Career Objectives:

 I earned my Bachelor of Science in Computer Science and Engineering from Daffodil International University in September, 2022. Computer Science enthusiast, love to code and learn new technologies. Have great passion and enthusiasm in Software Quality Assurance and Testing in Agile environment. Familiar with test case automation for both mobile and web using different technologies. Have a good problem solving and troubleshooting skills.

Education

2018 - 2022   **BSc Computer Science and Engineering**, Daffodil International University, Bangladesh
Thesis Topic: AES Based Secured Message Transaction
Supervisor: Dr. Md. Ismail Jabiullah

Programming / Technical Skills

Java, Android, C/C++, JavaScript, Python, Test Automation, HTML/CSS, Cybersecurity, API testing, IDEs and Text editors, Command line tools, Data Visualization, SQL, Statistical Analysis

Industrial Experience

Banglalink Digirevolution 1.0

August 2021– September 2021   **Banglalink, Bangladesh**

Responsibilities: Test Automation, Agile Project Management, Design Thinking, UI/UX. Writing test cases and provide improvement ideas.

Awards

- 7th Runners Up in Takeoff Programming Contest CPC-DIU 2019
- 2nd Runners Up in GCPC Contest at DIU 2020
- Runner up in Regional Mathematics Olympiad in 2011.

Publications

Conference Papers (refereed)

- " A Symmetric Key-Based Cryptographic Transaction on Cryptocurrency Data," 2022 International Journal of Research Publications (IJRP), 2022, pp. 171-177, doi:.10.47119/IJRP100981420223011

Projects

Bangladesh Tourist Guide- This App is guide app for Bangladesh tourist locations. It shows detailed information about each and every Bangladesh tourist location like Near place, location information, Hotel Detailed Information, Activities. It also shows the popular restaurants and shopping places in different locations. It also includes travel documentaries, hotel and resort reviews, and all the fun information related to your travel.

https://play.google.com/store/apps/details?id=com.bd.touraysha

Crop Prediction in Bangladesh- Agriculture is the essential ingredients to mankind which is a major source of livelihood. Agriculture work in Bangladesh is mostly done in old ways which directly affects our economy. In addition, institutions of agriculture are working with manual data which cannot provide a proper solution for crop selection and yield prediction.

Best Match- Using the Matching algorithm(Gale-Shapley) finds best matches for couples according to preference they make. (Language: Java, MySQL and Algorithms)

Gaming Calculator– Android app which control the robot. Live streaming from the camera attached to the robot.

Wallet – An android application which keeps track of all the daily income and expense, Plans for future expansion and Graph of income and expense of last 1 month

Restaurant Management System – Web application for processing.
https://aysha-45.github.io/module5-solution/

Super Shop Network Management – Using CISCO packet tracer design super shop network connectivity.