AKASH DAS

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📖 Linkedin | ⦿ Github | ⊕ Portfolio | ⦿ Leetcode

CAREER OBJECTIVE

Motivated professional with a strong foundation in programming, software testing and web development seeking an SQA role to contribute to the development and testing of robust applications while gaining hands-on experience in software quality assurance.

SKILLS

Programming Languages:	Java, JavaScript, C++, SQL
Testing Tools:	Selenium, JUnit, TestNG, Playwright, Mocha, JMeter, Postman
Testing Types:	Black-Box, White-Box, End-to-End Test, RestAPI Test, Load Test, Database Test
SQA Methodologies:	SDLC, STLC, Test Planning, Test Cases creation, Test Execution, Bug Reporting
Web Development:	HTML, CSS, JavaScript
Other:	Git, Agile, OOP, Data structure and Algorithm, Debugging

EDUCATION

B.sc. in Electronics and Communication Engineering   **May 2015 - Feb 2021**
Institute of Science and Technology
- Relevant coursework in Java, assembly programming, Data structure and Algorithm, RDBMS

TRAINING & CERTIFICATION

Road to SDET   **Aug 2024 - Nov 2024**
- Learned coursework related to Manual Testing, Automation Testing, Performance Testing, API Testing, Database Testing.
- Gained hands-on experience in using automation tools and frameworks such as Selenium, JUnit, TestNG, Playwright, JMeter, Mocha, Postman.

PROJECTS (GITHUB REPO)

Project Title : Playwright End-to-End Automation Testing with Page Object Model (Project Link)
Project Description : Developed an automation testing framework using Playwright using the Page Object Model (POM) to improve test maintainability and efficiency for a web application.
- Designed and implemented the automation framework using Playwright with a focus on reusability and maintainability through the Page Object Model.
- Automated core application workflows including login, user registration, form submissions, user profile editing, user deleting functionality with ensuring cross-browser compatibility.
- Used Allure for test execution and reporting, integrated with Git for version control.

Technologies Used : Playwright, JavaScript, NodeJS, Allure, Git

Project Title : Manual Testing of a daily expenses tracker Platform (Project Link)
Project Description : Conducted manual testing for a daily expenses tracker platform, focusing on ensuring the smooth functionality of features such as user authentication, user expanses adding, user expenses deleting, user expenses updating, user profile editing etc.
- Developed and executed test cases for UI testing, functional testing and usability testing to validate core business requirements.
- Conducted manual testing of multiple modules including user registration, login, expenses tracking.
- Conducted UI testing to ensure proper alignment, responsiveness, and overall user experience on both desktop and mobile devices.

Technologies Used : MS Office Suite, Git

Project Title : API Automation Testing with Postman and Newman (Project Link)
Project Description : Developed an automated API testing suite using Postman for test case creation and Newman for command-line test execution, improving API reliability and integration testing.

- Designed and executed API test cases in Postman for various endpoints, including authentication, data retrieval, and CRUD operations.
- Automated test execution using Newman, ensuring continuous API validation.
- Increased test coverage by automating API tests, reducing manual testing effort.

Technologies Used : Postman, Newman, JavaScript, Git

Project Title : End to End Automation Testing using TestNG with Page Object Model (Project Link)
Project Description : Developed an automation testing framework using TestNG using the Page Object Model (POM) for efficient and maintainable web application testing.

- Designed reusable page objects and automated critical workflows (login, registration, user search, user profile editing) using Selenium and TestNG.
- Integrated Gradle for dependency management and git for version control.
- Generated detailed test reports using TestNG inbuilt HTML reporting tool.

Technologies Used : TestNG, Java, Selenium, Gradle, Git

LEETCODE EXPERIENCE

Leetcode Problem Solver (Leetcode Profile)   **Jan 2024 - present**

- Actively solving coding problems to improve problem solving ability and algorithm skills.
- Solved over 440+ problem in different topics of DSA and SQL.
- Focused on optimizing solutions for Time and Space complexity.

PROFESSIONAL EXPERIENCE

Super Star Group Limited   **July 2022 - Oct 2024**
Executive - IT

- provided Technical Support and Troubleshoot system errors, network issues or application malfunctions.
- Conducted root cause analysis of system and network performance and identify issues like slowdowns or outages.
- Performed routine maintenance to keep systems running smoothly.
- Created and updated IT manuals, technical guides and reports for internal use.
- Collaborated with other IT staff to implement infrastructure upgrades, patches and improvements.

3W Business Private Limited, India   **April 2023 - Jun 2023**
Internship (Frontend Developer - Remote)

- Collaborated in design, development of UI for web applications using HTML, CSS, JavaScript and frameworks like React, Bootstrap, Tailwind CSS.
- Participated in code reviews, contributing to the enhancement of overall code quality and ensuring adherence to best practices.
- Assisted in identifying and resolving UI bugs and cross-browser compatibility issues, working with QA teams to ensure a bug-free releases.
- Gained familiarity with version control system (Git) for code management and collaboration.

REFERENCE
Salman Rahman
Software Test Automation Professional
Sr. Software Engineer
Cefalo Bangladesh Ltd.