

Waliul Hasnat

Software Engineer, QA

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Profile

A highly skilled **Software Engineer in Quality Assurance** with extensive experience in **manual and automated testing**, ensuring the delivery of high-quality software solutions for large-scale applications. With a strong foundation in **backend development**, **automation frameworks**, and **project management tools**, I bring a comprehensive approach to software development and testing. Adept at working in fast-paced environments and collaborating cross-functionally to meet project goals. Proven track record of enhancing system performance, reducing errors, and driving quality improvements across complex software solutions. Currently contributing to the success of Therap BD Ltd. by ensuring software excellence for millions of users.

Professional Experience

Software Engineer, QA

Therap BD Ltd.

November 2022 – Present

- Spearhead **manual and automated testing** efforts across multiple projects, including comprehensive **test planning, execution**, and defect management.
- Conduct rigorous **BAT (Build Acceptance Testing)**, **Regression**, **Integration**, and **Smoke Testing** to ensure software stability before release.
- Develop and maintain **test automation frameworks** using tools such as **Playwright** and **Selenium**, improving test efficiency and coverage.
- Collaborate closely with the development team to identify key areas of improvement, ensuring the highest quality in software performance and security.
- Lead the automation of repetitive tasks, reducing manual testing time by 30% and improving overall team productivity.
- Responsible for creating detailed **test reports** and communicating with stakeholders to address critical issues, improving product quality and reducing defect leakage.

Back End Developer

Anwar Enterprise Systems · Anwar Group of Industries

January 2022 – November 2022

- Contributed as a **core developer** in the newly established **Anwar Technology Ltd.**, delivering backend services using **Spring Boot** for enterprise-level applications.
- Developed scalable and high-performance APIs, optimizing server-side functions for **Android applications** that streamlined internal operations.
- Collaborated with the front-end team to ensure seamless integration and functionality across applications, improving response times by over 20%.
- Assisted in the architecture and backend infrastructure design for mission-critical applications, ensuring compliance with business requirements and future scalability.

ServiceNow Developer (Remote)

Ripton Solutions

February 2019 – January 2022

- Designed and implemented custom modules in **ITSM**, **ITBM**, and **CSM**, optimizing workflows and reducing service delivery times for government clients.
 - Managed multiple full-lifecycle projects from inception to deployment, handling complex technical challenges and aligning development processes with business needs.
 - Automated routine tasks and introduced best practices for system integrations, improving operational efficiency and reducing manual intervention by 40%.
 - Provided post-deployment support and created extensive documentation and training materials to ensure smooth transitions for client teams.
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Skills

- **Manual Testing:** Functional, Regression, Smoke, Sanity, UAT, Exploratory Testing
 - **Automation Testing:** Selenium WebDriver, Playwright, TestNG
 - **Test Automation Scripting:** Python, JavaScript
 - **Test Planning & Execution:** Test Case Design, Execution, Defect Tracking, Reporting
 - **API Testing:** Postman, RestAssured
 - **Performance Testing:** JMeter, LoadRunner
 - **Project Management Tools:** Jira, Trello, ClickUp
 - **Version Control & Collaboration:** Git, GitLab, GitHub, Bitbucket etc.
 - **Other Skills:** Linux/Unix, Bash Scripting, OOP Concepts, Agile Methodologies, SDLC/STLC
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Education

Bachelor of Science in Computer Science and Engineering (CSE)

American International University Bangladesh (AIUB)

Graduated: 2018

Higher Secondary Certificate (HSC)

Milestone College

Graduated: 2013 | **Major:** Science

Secondary School Certificate (SSC)

Milestone College

Graduated: 2011 | **Major:** Science

Projects

- **ServiceNow Implementation for U.S. DoD**
Led a team to deliver customized ServiceNow solutions for government clients, integrating ITSM modules to streamline service delivery processes, improving response times by 50%.
 - **Anwar Enterprise System and internal Logistics and Audit Application**
Key developer for the backend services of Anwar Group's enterprise app, ensuring smooth API integration and reducing system downtime by 30%.
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Awards

- Champion of National Hackathon 2016 (Bangladesh ICT Division)