SUBRATA KUMAR BHOWMIK

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Summary

For the past decade I have focused on software quality for all sorts of systems and platforms. Presently I am working as a Professional QA Lead in one of the top most technology company known for its dominance in the mobile phone market. In my position I manage the end-to-end process from test planning, risk analyzing, requirements analyzing, test case creating. I am ISTQB certified professional and very strong in backend API testing, Database validation, Performance Testing and UI Testing-Web/Mobile applications. On technical side I can deal with Python, Selenium, Appium and JMeter. I also create and maintain vital test data, environments and automation scripts. dedicated to providing high-quality, reliable software solutions.

Highlights

- Over 13 years in QA, growing from Junior QA Engineer to Sr. Chief Engineer at Samsung Research Bangladesh.
- Led and mentored QA teams, improving efficiency and driving best practices.
- Built and implemented test automation frameworks using Selenium, Robot Framework, and API testing tools.
- Integrated automated testing into CI/CD pipelines, speeding up releases and reducing manual effort.
- Strong background in database testing with MySQL, and MongoDB.
- ISTQB Certified, currently advancing towards Test Manager certifications.

Education

- **Bachelor's in Computer Science & Engineering** (CSE)
  Sonargaon University, Dhaka
- **Diploma in Computer Engineering** (CSE)
  Cumilla Polytechnic Institute, Cumilla
- **Secondary Scholl Certificate** (SSC)
  Yusuf M.T High School, Cumilla

Certifications

ISTQB Certified Tester – Foundation Level (CTFL)
ISTQB Advanced Level – Test Manager (In Progress)

Experience

Current Position: Sr. Chief Engineer (Quality Assurance)
Duration: 2025 - Present
Samsung R&D Institute Bangladesh, Dhaka

Previous Positions:
- Chief Engineer [2021 - 2025]
- Technical Lead [2019 – 2021]
- Lead Engineer [2017 – 2019]
- Senior Engineer [2015 - 2017]
- Software Engineer [2013 – 2015]
- Junior Engineer [2011 - 2013]

Key Responsibilities & Achievements

- Leading a team of QA engineers, test planning, monitoring and controlled, execution, and defect management.
- Conducted manual and automated testing for web, mobile, and embedded applications.
- Designed and implemented test automation frameworks using Selenium, Robot Framework, and API testing tools.
- Led performance and security testing initiatives to enhance software reliability.
- Ensured compliance with ISTQB testing standards, improving testing efficiency and defect tracking.
- Collaborated with developers, product managers, and business analysts to improve product quality.
- Conducted training and mentoring sessions to upskill junior QA engineer

Technical Skills

Testing Tools: Selenium, Playwright, Robot Framework, Postman, JMeter
Automation Frameworks: PyTest, Robot Framework
Programming Languages: Python, C++, JavaScript (Functional)
Databases: MySQL, MongoDB
Test Management: Jira, TestRail, PLM (Samsung)
Version Control: Git, GitHub
CI/CD: Jenkins