

# 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, Playwright and JMeter. I also create and maintain vital test data, environments and automation scripts. dedicated to providing high-quality, reliable software solutions.

## Highlights

- Likely **15 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.
- 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 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-Newman, JMeter

**Automation Frameworks:** PyTest, Robot Framework, Seleniumbase

**Programming Languages:** Python, C++, JavaScript (Functional)

**Databases:** MySQL

**Test Management:** Jira, TestRail, PLM (Samsung)

**Version Control:** Git, GitHub

**CI/CD:** Jenkins