

# SUBRATA KUMAR BHOWMIK



+88 01818-224947 # sdotbhowmik@gmail.com # <https://github.com/sdotbhowmik/>

## Summary

Experienced Software Test Lead, ISTQB-certified, with expertise in backend API, database, and performance testing, as well as UI testing for both web and mobile applications. Proficient in Python, Selenium, and Appium, and committed to delivering high-quality, reliable software solutions. With over a decade of diverse experience, I am currently with a leading technology company that dominates the mobile phone market.

## Highlights

- Over 13 years in QA, growing from Junior QA Engineer to 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 Oracle, MySQL, and PostgreSQL.
- ISTQB Certified, currently advancing towards Test Analyst and Test Manager certifications.

## Education

- Bachelor's in Computer Science & Engineering (CSE)  
Sonargaon University, Dhaka
- Diploma in Computer Engineering  
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:** Chief Engineer (QA)

**Duration:** 07/2011 to till date

**Samsung R&D Institute Bangladesh, Dhaka**

### Previous Positions:

- Technical Lead
- Lead Engineer
- Senior Engineer
- Software Engineer
- Junior Engineer

### Key Responsibilities & Achievements

- Leading a team of QA engineers, overseeing test planning, 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, Robot Framework, Postman, JMeter

**Automation Frameworks:** PyTest, Robot Framework

**Programming Languages:** Python, C++, JavaScript

**Databases:** MySQL, MongoDB

**Test Management:** Jira, TestRail, HP ALM

**Version Control:** Git, GitHub

**CI/CD:** Jenkins