

# Dipankar Chakraborty



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## OBJECTIVE

Seeking a full-time Software Development Engineer in Test (SDET) role to leverage my automation expertise and contribute to high-quality software delivery in Agile environments.

## SKILLS

- **Programming & Automation:** Java, Selenium WebDriver, TestNG, Cucumber, Gherkin, Python, C#, SQL
- **Frameworks:** Tapsium Automation Framework, BDD, TDD, Page Object Model, Data-Driven Framework
- **Tools & Platforms:** IntelliJ IDEA, Git, GitHub Copilot, Eclipse, Jenkins, Postman, DBeaver, Azure DevOps
- **Testing Expertise:** Functional Testing, Regression Testing, UAT, Integration Testing, Smoke Testing, Root Cause Analysis
- **Database:** PostgreSQL, SQL Server
- **Soft Skills:** Communication, Analytical Thinking, Team Collaboration, Mentorship

## WORK EXPERIENCE

### Quality Engineering Analyst

Verizon, Infosys

Mar 2025 – Present

Bangalore, India

- Leading test automation efforts using Java, Selenium WebDriver, and TestNG.
- Continuously developing and writing new automation scripts from scratch for backlog items and newly introduced functionalities.
- Developed and maintained BDD test suites using Cucumber and Gherkin to improve collaboration with business stakeholders.
- Utilized **GitHub Copilot** to assist in writing, refactoring, and optimizing Selenium and BDD automation code, leading to faster script development and improved code consistency.

### Software Quality Engineer

British Petroleum (BP), Infosys

Sep 2021 – Feb 2025

Bangalore, India

- Provided technical advice, to improve the quality of engineering practices.
- Developed Automation scripts in Selenium with C# using cucumber(BDD) framework
- Created comprehensive test plans, test scripts, and use cases to support testing objectives.
- Trained and mentored junior engineers, providing guidance and direction.
- Collaborated with other departments to facilitate successful project completion,
- Created detailed bug reports outlining the issue, its severity level, steps taken to reproduce it and suggested solutions for each defect discovered. Which helped reduce the defect resolution time by 15% and enhanced developer productivity.
- Collaborated with developers, designers, project managers, business analysts and other stakeholders throughout the development process.
- Assisted with root cause analysis for production Issues Identified by customers or users.
- Analysed user requirements and developed test plans, scenarios, scripts and procedures.
- Participated in Agile ceremonies, including daily stand-ups, sprint planning, and retrospectives, contributing to continuous improvement in testing processes.

## EDUCATION

Bachelor of Technology in Electrical Engineering, MAKAUT

2017 – 2021

## CERTIFICATION

- Infosys Global Agile Developer Certification
- Infosys Certified Selenium Automation Tester

## PROJECTS

- **E-commerce Website Automation Using Selenium with Python:**  
Automated the end-to-end testing of an e-commerce platform using Selenium. This included key user actions such as logging in, adding items to the cart, entering address and payment details, completing the checkout process, and logging out.