

# VIGNESHKUMAR K

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## Professional Summary

Result-oriented QA Engineer with 3.8 years of experience in Manual and Automation Testing using Selenium WebDriver, Java, TestNG, and BDD-Cucumber frameworks. Skilled in designing and executing functional, regression, and API test cases with strong knowledge of SDLC and STLC. Experienced in working in Agile Scrum environments with tools like JIRA and Postman to ensure high-quality software delivery.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, C, SQL, HTML, CSS

**Automation Tools:** Selenium WebDriver, TestNG, BDD-Cucumber

**Manual Testing:** Functional, Regression, Sanity, UAT, API Testing

**Tools & Platforms:** Postman, JIRA, VS Code

**Methodologies:** Agile, SDLC, STLC

## Experience

**Capgemini | QA Engineer | Nov 2021 – July 2025**

**Client:** Cox Communications

- Designed and executed 700+ functional test cases from business requirements.
- Reviewed test cases with Product Owner, Manager, and Technical Analyst.
- Identified and tracked defects using JIRA; ensured zero defect leakage to production.
- Conducted regression testing with 250+ test cases per sprint to ensure application stability.
- Developed and maintained 170+ automated test scripts using Selenium WebDriver, Java, and BDD-Cucumber, reducing manual effort by 70%.
- Participated in daily Scrum, Sprint Retrospective, and Bug Triage meetings.
- Supported UAT by demonstrating test results and issue resolutions to the business team.

## OWN PROJECTS

### ATM Pre-Withdrawal Mobile Application

**Role:** Manual + Automation Tester

Developed a prototype web application that allows users to pre-enter the amount they wish to withdraw from an ATM, reducing time spent at machines.

- Designed 75+ manual test cases for OTP, passcode, card validation, withdrawal flow ATM selection.
- Automated 20+ scenarios using Selenium, Java, TestNG & Cucumber (POM framework).
- Prepared test data, traceability matrix, and executed tests end-to-end.
- Generated automation reports (Extent & Cucumber HTML).
- Tech: Selenium, Java, TestNG, Cucumber, HTML, CSS, JS

## Education

**Bachelor of Engineering (B.E.), Electrical and Electronics Engineering**

Dr.Mahalingam College of Engineering and Technology | 2016 – 2020

## Certifications

- Introduction to Web Development with HTML, CSS, JavaScript
- C Programming
- JavaScript Basics
- Building Web Pages using HTML and CSS