

AVINASH BIRA SINGH

ABOUT ME

Automation Test Engineer with strong experience in UI and API automation using Selenium, Playwright, Pytest, and Postman. Skilled in building maintainable automation frameworks and integrating tests into CI/CD pipelines (Jenkins, GoCD) with Docker for scalable execution. Experienced in API validation, backend testing, and MySQL database verification to ensure data integrity. Focused on delivering stable, fast, and reliable releases within modern DevOps workflows.

EXPERIENCE

IDFC First Bank

23/07/2023 - Present

SDET

As part of the digital technology team at IDFC FIRST Bank, I worked on end-to-end test automation for key internal banking systems, including Cash Management System (CMS) and Customer Onboarding (IFO) modules. My role focused on ensuring robust automation coverage across both UI and API layers, enhancing quality and reducing manual effort during regression cycles.

EDUCATION

Vidyalankar Institute of Technology

2023

B.E IT

8.9

PROJECTS

CMS (Cash Management System) – UI Automation / Selenium

Developed a scalable UI automation framework using Selenium + Pytest
Automated regression suites and integrated tests into CI/CD (Jenkins, GoCD)

Executed tests in Docker for parallel and scalable runs

Performed manual testing and managed defects using Jira

IFO(customer onboarding) - Api Testing

Automated API testing using Python (requests) for endpoint, payload, and status validation

Designed and executed Postman collections for functional, regression, and integration testing

Integrated API tests into CI/CD pipelines (Jenkins)

Performed manual API testing and managed defects using Jira

Cms (cash management system) - UI Automation / Playwright

Developed a scalable UI automation framework using Playwright + Pytest

Automated regression suites and integrated tests into CI/CD (GoCD)

Executed tests in Docker for parallel and scalable runs

Implemented Allure reporting for detailed test results and insights

Performed manual testing and managed defects using Jira

Cms (Cash management system) - Functional Unit Testing

Built a UI unit testing framework to validate individual components (inputs, dropdowns, buttons, URLs)

Tested boundary and validation scenarios (min/max, max+1, data types)

Created test matrices to track UI coverage and results

Automated test reporting with pass/fail status and detailed logs

Executed manual and automated tests and managed defects using Jira

CONTACT

@ singhavinash6641@gmail.com

8828771569

Room no B2 Morya chawl pisivali gaon, kalyan (421306)east mumbai maharashtra india

www.linkedin.com/in/avinash-singh-b4631

SKILLS

Python

Selenium

Playwright

Postman

Jenkins

GoCD

Docker

Jira

Api Testing

UI Testing

Git

Mysql

Pytest

Javascript

Github Actions

Allure