

SHUBHAM PISAL

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SUMMARY

Software Engineer with 2+ years of experience in automation testing and web development as SDET. Proficient in React, Spring Boot, Java, JavaScript, Cypress, and JUnit, with expertise in both front-end and back-end development. Open-source contributor with experience in enhancing UI, backend authentication, and improving system reliability.

SKILLS

Programming Languages: Java, JavaScript

Libraries/Frameworks: React, Spring Boot, Cypress, JUnit

Tools / Platforms: Git, Maven (Basic)

Databases: MySQL

Open Source:

[kafbat/kafka-ui](#) | **Key Contributions:** [PRs](#) & [Issues](#)

- Resolved UI bugs to enhance user experience and improve accessibility.
- Developing secure backend authentication mechanisms.

[FindFirst](#) | **Key Contributions:** [PRs](#) & [Issues](#)

- Designed and implemented a scheduled job to automate a critical process, improving system reliability.
 - Leveraged aspect-oriented programming (AOP) to cleanly manage cross-cutting concerns like logging and security, enhancing code maintainability.
 - Enhanced server error handling using [@RestControllerAdvice](#), ensuring consistent and informative error responses for better user experience and debugging.
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PROJECTS

Vehicle Service Center Management System | **Technologies:** React, Spring Boot, Java, TypeScript, JavaScript

- Built a full-stack vehicle management system web application to handle service requests and operations.
 - **Backend:** Implemented with Spring Boot, secured with Spring Security using JWT authentication. Integrated CORS and dynamic filtering via Spring Specifications.
 - **Frontend:** Developed with React, using React Form for handling forms, React Query for data fetching, and React Tables for displaying data.
 - **Database:** Managed system data using MySQL.
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EXPERIENCE

SDET | Coupa Software, Pune | Nov 2022 - Present

- Automated 100-120 backlog tests by adding UI automation with Cypress and backend automation using a custom framework based on JUnit, reducing QE team effort for non-Epic regression testing by 80-90%.
- Contributing to ongoing improvements of the integration test framework by reducing test flakiness through the introduction of mocking between two different applications.
- Developed a script to automatically update Selenium WebDriver on test servers, reducing the manual effort required to maintain infrastructure.
- Resolved minor UI bugs using React and jQuery to improve user experience and functionality.
- Collaborated on multiple feature releases, working both independently and with teams to gather requirements, create test plans, add test cases, verify functionality, and automate tests.
- Worked with cross-functional teams for feature testing and automating UI tests in Selenium and backend tests using RSpec for various features.

EDUCATION

SunBeam Institute of Information Technology (CDAC), Pune | March 2022 - September 2022

PGDAC in Computer Science | **Percentage:** 71.25%

NBN Sinhgad School of Engineering, Pune | June 2015 - May 2019

BE in Mechanical Engineering | **CGPA:** 7.89
