

MUKTA PAWAR

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Boston

EMPLOYMENT

Wayfair

Apr '19 - Present

Software Engineer

- Built a React tool for Catalog platform to enable merchandisers to manage product data efficiently with 100% accuracy and cross-functional trust.
- Created APIs and designed specs for endpoints to create and maintain data surrounding white labelling product SKUs.
- Developed UI automation tests for the SKU Consolidator tool using Selenium.
- Defined, composed, and evaluated test cases for new and existing features of supplier merchandising tools.
- Built and scaled a communications platform in Java that sends text notifications to 20 million active customers across 4 different countries and 8 different time zones.
- Gathered stakeholder requirements, designed REST APIs and integrated 3rd party APIs such as Twilio's SMS API into the platform.
- Used Kafka topics for queuing incoming requests and run validations based on message type.
- Built Grafana dashboards for monitoring system performance, added DataDog alerts to notify Slack channels of unexpected system behavior.
- Implemented a new batching system that efficiently fetch customer information to avoid constant querying of MSSQL databases.
- Added features to the platform such as quiet window, phone number validation and auto retry.
- Improved visibility into platform performance by logging new data points to InfluxDB, allowing for creation of detailed charts in our dashboard.
- Improved code coverage by writing robust JUnit tests.
- Mentored fellow junior engineers with design decisions and did peer code reviews.

Accenture

Dec '18 - Mar '19

Testing Analyst

- Analyzed use case requirements and user stories to accurately document the testing approach and strategy within an Agile Scrum development environment.
- Ran Postman JSON REST calls to validate API web requests captured and returned accurate data.
- Scripted and executed SQL queries and join statements to validate backend data matched front end results.
- Worked with developers in conducting root cause analysis of defects discovered during test execution.
- Collaborated closely with product managers and developers to ensure the user stories acceptance criteria were testable and clearly defined.

EDUCATION

University of Windsor

2014 - 2018

B.Sc., Computer Science (**CGPA: 3.8**)

SKILLS

Languages: Java, JavaScript (React), PHP, SQL, HTML, CSS

Databases: MSSQL, Hadoop/Hive, InfluxDB

Cloud: AWS (EC2, S3), Google Cloud Platform

Testing: JUnit, Jest, PHPUnit, Selenium, Mockito

Framework: Sprint Boot, Node.js, Selenium, Enzyme, TestNG

Product: User Research, A/B Testing, Data Analysis, Planning, Strategy