

# SHALAKA SAWALE

[shalakasawale@gmail.com](mailto:shalakasawale@gmail.com) | +91 8408927515 | Pune, India

## EDUCATION

72.53%

B.E. Computer Engineering  
M.I.T., Pune University

86.66%

H.S.C  
M.I.T. Junior College, Pune

94.73%

S.S.C  
M.I.T High School, Pune

## SKILLS

- Programming Languages: Java , HTML, Javascript, Typescript, C++
- Web Services: Bootstrap, Angular 10, JSON, REST, SOAP, XML
- Tools & Frameworks: Git, Jenkins, Gradle, Maven, Spring MVC & Boot, Nexus Repo, Checkmarx, SonarQube, Message Queue, JUnits, Postman
- IDEs: IntelliJ Idea, Visual Studio Code, PyCharm

## SOFT SKILLS

- Collaborative
- Attention to Detail
- Adaptive
- Motivated
- Decision Maker

## EXPERIENCE

### **Credit Suisse, Pune – ENO, Senior Java Developer**

*Dec 2021 - Present*

#### **Trades Validation and Enrichment**

- Working on migrating from Monolithic Codebase to Event-Driven, Scalable microservices designed for high availability built using Spring Boot.
- Developed a Queue based Event-Driven message passing system for communication between microservices using Apache Kafka.
- Devised a configurable rules based solution for automatic trades validation built using Drools

**Technology Stack:** Java, Spring Boot, Maven, Jenkins, Git, Kafka, Microservices, Drools

### **Barclays, Pune - BA3 Software Developer**

*July 2018 – Dec 2021*

Worked on successful delivery of 3 Major Projects impacting the Barclays Business in a positive way.

#### **Business Instant Lending**

- Worked on BIL Project for upscaling the Business Loan amount to 100K from backend system, previously 25K in 1/5<sup>th</sup> the usual time required by building an affordability matrix and tweaked API calls.
- Tweaked the Business Loan app form archival process to save form data in memory for **30 days** instead of a day.
- Managed the AEM Content Management system to supply and manipulate content displayed on webpage.
- Automated the build and deployment tasks by creating the continuous integration CI/CD build pipeline in BIL.

#### **Covid Bounce Back Loans**

- Added Bounce Back loans Journey as per UK PSD2 SCA standards for small businesses and integrated with current loans Journey. Delivered it within a week.

#### **Angular Migration - (Business Loans Journey)**

- Migrated the Business Loan Journey from AngularJS 1.2 to Angular 10 within a tight time frame.
- Integrated app to web redirect journey with online banking to enable customers to use the feature from mobile.
- Developed web pages in Typescript and used storybooks components for better user experience.
- Worked on digital data tagging for the purpose of logging user journey for better analytics.
- Accessibility testing and insights with NVIDIA and worked with AEM for content management.

**Technology Stack:** Java, Spring (MVC and Boot), REST, Angular 10, Bootstrap, Jenkins, Git, Gradle, AEM

## **PROJECTS**

### **Emotion Detection System**

- Developed an Emotion Detection System which detects the type of emotion based on the input data using ML.
- Used ensemble-based learning methods and a customized random forest for a better predictive performance and accuracy on an emotion dataset.
- Technologies Used: Python, TensorFlow

### **Banking Application Prototype**

- Built a MEAN stack full-fledged banking application with account to account Amount Transfer, transactions statements in PDF, secured login/registration functionality as a part of graduate program project at Barclays.
- Technologies Used: Spring Boot, Java, Javascript, JSON, HTML, Bootstrap, Maven, MongoDB

### **ElasticSearch Client App**

- Built an Elasticsearch Client Spring Boot application with REST endpoints to configure, manage and view the elasticsearch operations on your data with easy and configurable connection to Elastic Cluster.
- Leveraged the elasticsearch filter and aggregation operations on complex data for data manipulation and quick searching.
- Technologies Used: Spring Boot, Java, ElasticSearch

## **EXTRA-CURRICULAR ACTIVITIES**

- Barclays Values Award for Excellence and Service for delivering the Angular Migration project in tight frame.
- Organized an event named “Algoletics” which was about developing algorithms at College Fest Texeephyr.
- Attended a workshop related to Robotics & AI at the Robotic Conference at PICT Pune.
- Attended a Linuxication workshop related to Linux Systems at MIT Pune.