



# SAMRUDHI BHOSALE



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London, UK

## EXPERIENCE

### SOFTWARE ENGINEER

ZS Associates, Pune

**2021 - 2023**

- Developed an end-to-end SaaS-based java library- "Adaptor Library" which provides an easy way for any workstream to integrate with third party connectors without investing time and effort to create a new connectors.
- Implemented Agile software development with Scrum for quick software release using Jenkins and TeamCity.
- Engineered multiple adapters including a REST API utilizing HTTP protocol, REST services, SFTP, and S3 adapters.
- Utilized AWS services for project needs: IAM for user authentication and CloudWatch for log analysis and error resolution during build executions

### APPLICATION DEVELOPMENT ANALYST

Accenture , Bangalore

**2019-2021**

- Leveraged AWS technologies such as S3, Lambda, EC2, and MariaDB to develop a Spring-based Geocode application.
- Achieved 95% test coverage across all Geocode modules, incorporating complex test cases and integration testing with JUnit
- Employed Git for branch management and code uniformity across the project
- Proficient in Linux environments, with a strong command of various Linux operating systems and utilities.

## EDUCATION

### QUEEN MARY UNIVERSITY , LONDON

MSc. Big DataScience

**2023 - Present**

Core Modules - Machine learning , Data Mining , Data Statistics , Big Data Processing , Cloud Computing , Distributed Systems

### SINHAGAD INSTITUTE OF TECHNOLOGY AND SCIENCE, PUNE

BE Computer Science

**2015 - 2019**

Core Modules - Database Management Systems , Computer Architecture , Embedded Systems, Object Oriented Programming, Computer Networks.

## SKILLS

- Python
- Java
- AWS
- GCP
- Spring
- Flask
- Git
- JIRA

# PROJECTS

## ADAPTOR LIBRARY

- The library was created in a generic way so that it can be consumed by any product line to fetch and insert data from third party connectors
- The intent of this library was to support S3, SFTP, REST API's(HTTP,HTTPS), RDBMS, Postgres and Adobe Experience Manager connectors

## GEOCODING

- Developed custom APIs that can be integrated into the users' applications which will provide us the latitude and longitude when an address is provided to it
- Configured and deployed the service on the cloud for scalability and cost-effectiveness

## KITCHEN WIZARD

- An innovative python application using Flask framework that suggests recipes in- stantly based on user-inputted ingredients, simulating a 'magic' experience by effi- ciently utilizing available fridge items.
- Successfully hosted the application on GCP, ensuring global accessibility and seam- less user experience across various geographies.
- Implemented robust Hash authentication to enhance security, ensuring user data integrity and privacy in the application's ecosystem.

## CUISINE CLASSIFIER

- A machine learning model that processes dish images using Random Forest Classifier to distinguish between dishes containing rice or chips.
- Features an advanced image processing pipeline for efficient and accurate classifica- tion, enhancing culinary identification and analysis.

- Data Mining
- Machine Learning
- JUnit
- HTML
- CSS
- SQL
- Postgresql

# ACHIEVEMENTS

## STATE LEVEL VOLLEYBALL PLAYER

Represented School Volley ball team as a captain on state level competition

## REGARDED AS BEST OUTGOING STUDENT

Was regarded as a best outgoing student in college

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