

Gouden Leeuw 513, 1103 KL
Amsterdam, Netherlands

SHREYASI RAO
Backend Developer | Agile Engineer
Cloud Developer | Microsoft Certified Azure Developer

+31 (0) 616394019
shreyasi8905@gmail.com

PROFESSIONAL SUMMARY

IT EXPERIENCE: 4 YEARS

- **Software Engineer** with **4 years** of experience in designing, developing, and maintaining **Java/Spring-Boot /J2EE/Cloud/DevOps** enterprise microservice applications.
- Skilled in every step of project implementation starting from requirement gathering and refinement to architectural design, documentation, development and testing along with extensive **Agile experience**.
- Looking for a **backend engineering position** where I can use my strong problem solving skills, passion for technology and quick learning ability to benefit the organization.

EMPLOYMENT

Systems Engineer	Tata Consultancy Services - ABN AMRO Bank (Amsterdam from 1st Aug 2022, prior Mumbai)	July 2019 - Present
-------------------------	--	----------------------------

As a Java Developer at ABN AMRO Bank contributed to the development and maintenance of several microservices in **Investments domain** built to support bank's API-centric microservices-based IT architecture.

- Developed **REST API services** using **Spring Boot**, and **Java 8** features with **good coding practices** like **object oriented design** and **SOLID** principles, along with **fine grained authorization**.
- The APIs are consumed by Internet Banking, Mobile Banking, Brokerage screens and Advice via **API Gateway**.
- Redesigned major legacy bank applications code to use **ZOS API** and **Cyberark keyvaults** to connect to IBM mainframe systems.
- Worked on connecting APIs to **IBM DB2** database using **MyBatis** to fetch data using **DB2 SQL** queries.
- Written automated tests including unit tests, performance tests and functional tests using **Junit 5**, **Mockito**, **karate** and **Scala**.
- Played the role of a **lead developer** in a **scrum team** which functioned in the onshore-offshore model. **Code reviewing** and helping team members were also part of everyday work.
- Involved in the **solution designing** of application's **architectural flow** focusing on the used **platform services** as part of the bank's **Azure cloud** migration plan.
- Worked on deploying **infrastructure** on **Azure**, building **Azure DevOps CI CD pipelines** and **migrating on-premise application code** to Azure.
- Extended features for the most critical legacy application which is a **multithreaded** stand-alone **pure-java application** built on **Observer-pattern**. The application feeds actual and delayed prices of instruments received every minute from 3rd party application that connects to Stock exchange, into our **databases** (Master/Slave) via **HashMap buffers**. The list of subscribed instrument changes 9 times day by **batch processing** and is also received as a file.
- Worked on tools like **Nexus IQ**, **SonarQube**, **HP Fortify** for **secure** and optimized coding.

TECHNICAL SKILLS

- **Technologies** – Java 8 and 11, Spring, Spring Boot, Maven, Docker, Kubernetes, Kafka, REST API, Feign Client, OKHttp, HTTP filters, JAX-RS, Git, SSH, Bash, HTML, CSS
 - **Azure Services** – App service, Key vault, Application gateway, VNETs, Private Link Endpoint, Firewall
 - **CI/CD** – JENKINS, Azure DevOps, HP Fortify, SonarQube, NexusIQ
 - **Database** – IBM DB2
 - **Tools and Libraries** – IntelliJ, Bitbucket, JIRA, Azure Boards, Jackson, Mockito, Junit, Karate, Gherkin, Cucumber, Lombok and others.
-

EDUCATION

Bhopal, India

Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV)

July 2015 - May 2019

- B.E. in Computer Science and Engineering.
- Main coursework: Data Structures, Design and analysis of Algorithms, Database Systems, Operating Systems, Computer Networks, Software Engineering

TECHNICAL EXPERIENCE

Projects

- **Sentiment Analysis on Demonetization using Hadoop:** A solution to big data problem using **Pig Latin**, a part of Hadoop Ecosystem. Twitter data is extracted, processed, analyzed, and the percentage of people supporting and criticizing the cause is calculated using the standard **Afinn** dictionary.
- **Online Retail Website:** Full stack web development under MVC framework using **Java EE, JQuery, AJAX, JDBC** to create a website for online retail with admin and user profiles, shopping cart add/modify/remove, from a list of products and checkout features.

CERTIFICATIONS

- Microsoft Azure Fundamentals AZ-900

POSITIONS OF RESPONSIBILITIES

- Exhibited photos at Poshan Abhiyan Exhibition as part of **Youth4Children** initiative by **Unicef**.
- Academic Support Volunteer at **Make a Difference** for class 10th students.
 - Communication and Outreach lead for **MAD Dream camp**.
- Videographer for Nukkad Marathon in Bhopal, covering 77 street plays in 23 hours.
- Member of **Toastmasters** International District 98.