

Mohammad Afzal

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Summary

Currently working in **Calibo** as a **Product Development Engineer**. Having around 7 years of experience in **Web Application Development**.

I have experience in **Scalable Microservice** based Applications at backend and frontend side. Worked on **DevOps, MLOps, AWS Services**, Payment gateway (Stripe) and Linux system administration etc in ERP applications and other web application in Product based organizations. **Spring, Kafka, Docker, Hibernate, Jenkins, ReactJS, Angular, ELK, Axon, MLflow, MongoDB** etc are some of the technologies I have mostly worked on.

I am also active on stackoverflow.com and have more than 8000 reputation points there. Apart from this technical stuff I am a hobbyist Guitarist.

Skillset

Backend Languages / Technologies	Java8, Spring Boot, Hibernate, Restful services, Gradle, JavaEE, Spring MVC, Maven, nodejs
Data Science Tools and Technologies	Python, Flask, Jupyterlab, Tensorflow, MLflow, Sagemaker, Kedro
Frontend Languages / Technologies	React, AngularJS, nodejs, npm, bootstrap, Material-UI
Databases / NoSQL / Messaging	Postgresql, MySQL, MongoDB, Kafka, RabbitMQ, sqlite
Tools / Servers	Jenkins, ELK stack, docker, Kubernetes Zipkin, newRelic, SonarQube, Vim, git, fluentd, SVN
Operating Systems	MacOS, Ubuntu, Windows, CentOS, Redhat
APIs and Services	AWS EC2, AWS RDS, AWS Sagemaker, Stripe API, Google's Map API, Open weather map API, AWS S3
Desktop Technologies	Java Swing, RMI, Full Screen Exclusive mode API, 2D graphics, Sound API

Experience

- Presently working in Calibo from 2020
- 1.5 Years in **Nagarro** as Senior Associate (2019-20)
- 4 years experience as a full stack java developer in **Enbraun** (2015-19)
- 1 year as a Freelancer - before 2015

Project Profile

1. LAZSA :

Industry-first **Product Platform-as-a-Service (pPaaS)** to redefine digital Innovation and drive competitive advantage through digital business. The platform provides a comprehensive set of Tools and Tech Stack to help you manage define, design, develop, and deploy phases of product development efficiently. It provides complete visibility into the status of various business functions through Executive Dashboards. Automated **CI/CD pipeline, DevSecOps Orchestration, AIOps intelligence, Maturity Assessment, and VSM** ensure that the release cycles are managed with speed and agility. My core responsibility while working here are **Team Leading**, Understanding the requirement of new feature and owning responsibility to get that feature delivered to production environment, involve in architectural decision making. **Technologies: Java8, Spring Boot, AWS, Kafka, ReactJS, Docker, Kubernetes, Jenkins, Sagemaker, MLFlow, Kedro, ELK**

1. DiPEC (Digitalized Project Execution) :

It is a web application created to digitalize project development. It is being used by Engineers of Siemens. I was involved in **Team leading and Development** of this project from very starting of the development. That application is developed in **Microservices Architecture** and is **highly scalable**. The technologies used in it are Spring (Boot), RabbitMQ, Angular 8, Postgresql, Material UI.

Due to some company policies of Nagarro, I could not write much about the details of project.

2. eResource Scheduler :

Enbraun's eResource Scheduler is a multi-user feature rich software for resource management & scheduling. This application lets organisations **schedule, plan and manage employees, equipment and other resources on projects** etc. The user can create calendars, fields of resources, projects, tasks, resource types, bookings on resources etc. A high level of flexibility was provided to have user defined fields for creating resource form, project form or booking form. Booking chart to book resource on project, time sheet, user defined calendar like features are given. It is a web version of e-resourcescheduler desktop application with even more flexibility and features. **Technologies : Restful services, angularjs, bootstrap, oauth2, aerospike, javaee, wildfly.**

3. **Abho costing sheet :**

It is a Web application to manage costing of a fashion designing industry. Client, Fabrics used and their costs, Clothes categories, Labour and their costs, Dyeing cost, Embroideries, Overheads (electricity, internet, etc) could be managed with this application. A precise cost of costumes could be obtained in a particular month. A user of application could be authorized to access components of application and could be restricted to access other part of application according to requirement. **Technologies : Restful Services, Angularjs, Bootstrap, Servlets, Java EE, wildfly.**

4. **CQuiz | Desktop application :**

A desktop application that I **developed to organize a quiz competition in Graphic era University**. The application has compile/run/save features for c programs. Questions were managed by admins. Provided with a clock showing count down time after which the user cannot edit his answers. Have account management for users, could be accessed by 2 passwords (admin's and user's), small command line tools to generate passwords and merge data from different computers on which test is taken. Compilation of programs was done using Java Native Interface. **Technologies : Java Swing, SAX, JNI, C, GCC**

Education Detail

- PG Diploma Diploma from IIITB
- B. Tech in Computer Science and Engineering from Doon Institute of engineering and technology with 66% aggregate.
- Intermediate from Modern School Rishikesh with 86% aggregate.
- High School from Modern School Rishikesh with 71% aggregate.

Certification

- HP training certificate in J2EE with Struts Framework (45 days).
- CyberCure Solutions certificate in information security specialization (2 days).

Achievements

- Qualified GATE Examination in 2015
- Topped in error rectification competition organized in RBMI college.
- Secured Third position in a software development competition organized in RBMI college.
- Designed theme for my college's website.

References

Stackoverflow : <http://stackoverflow.com/users/3626698/afzalex>
Github : <https://github.com/afzalex>
Linkedin : <https://in.linkedin.com/in/afzalex>