Mohammad Afzal

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Summary

Currently working in **Nagarro** as **Senior Engineer** in Technology**.** I have more than 5 years of experience in **Web Application Development.**

I am a full stack developer with expertise in **Java**. Worked on frontend and backend development in **Monolithic and Microservices** architecture, Payment gateway (Stripe) and Linux system administration etc. I have worked on ERP application and other web application development in product and service based organizations. **Spring, Hibernate, Angular, ReactJS, Docker** 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 these technical stuff I am a hobbyist Guitarist.

Skillset

Backend Languages / Technologies	**Java8, Spring Boot, Hibernate, Restful services,** JavaEE, Spring MVC, Maven, nodejs
Frontend Languages / Technologies	**React, AngularJS,** nodejs, npm, bootstrap, Material-UI
Desktop Technologies	**Java Swing**, **RMI**, Full Screen Exclusive mode API, 2D graphics, Sound API
Databases / NoSQL / Messaging	**Postgresql (9.6), Mongodb**, **RabbitMQ** MySQL**,** sqlite
Tools / Servers	**Git, SVN, wildfly, Vim, docker** gulp, Apache Tomcat
Operating Systems	**Ubuntu, Windows,** CentOS, Redhat
APIs and Services	**AWS EC2, AWS RDS, Oauth 2.0, Stripe API**, Google's Map API, Open weather map API, AWS S3

Experience

- Working in Nagarro since May, 2019 as Senior Associate
- 5 years experience as a full stack java developer in **Enbraun**
- 1 year as a freelancer

Visit https://afzalex.tech to know more about me.

1. **DiPEC (Digitalized Project Execcution)** :
   It is a web application created to digitalize project development. It is being used by Engineers of Siemens. I was involed in **Team leading and Development** of this project from very starting of the development. That application is developed in **Microservices architecture**. 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, fabric used and their costs , clothes category, 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, bootztrap, servlets, javaee, wildfly.

4. **Image Embedder** :
   The purpose of this software (Image Embedder) was to provide user an easy access to basic information like weather forecasting, reminders, events etc as efficiently as possible. The application's code is manageable and scalable and well documented. Suppose a user has installed this application in his computer, then when he starts computer, he can see the weather forecasting information in desktop wallpaper as if somebody has changed his wallpaper and edited it, so that a cool gadget like faded image could be seen over it. In this software, I had used desktop wallpapers to display some general information to the user. A good level of image processing code was written in this application.
   Technologies : Java Swing, JNI, Batch file programming, Google geocode API, Open Weather API, SAX.

5. **CQuiz | Desktop application :**
A desktop application that I **developed to organize a quiz competition in Graphic era University**. The application have compile/run/save features for c programs. Questions were managed by admins. Provided with a clock showing count down time after which 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 were done using Java Native Interface.
Technologies : Java Swing, SAX, JNI, C, GCC

6. **Notifier** :
This is a web application that can notify user about some task or let him write daily notes. Application lets user create reminder and get notified on particular date-time. Along with this separate note writing screen is provided that could be used maintain daily writing diary. A good account management, nice looking notifiers (reminder gadgets), fully featured note writing area, cool self-developed (with jQuery) slider are present in this web application.
Technologies : PHP, AJAX, jQuery, tinyMCE, mysql, apache tomcat

Education Detail

- 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 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