Maninder Singh

**CAREER SUMMARY**

* 5+ years of experience in software development with specialization in Backend development.
* Proficient with Data structures and algorithms.
* Clear understanding of RESTful Web services approach.
* Hands on Experience in database systems.
* Good in analysing a problem and providing code-solution for the same.
* Flexible to work on any new technology.

**TECHNICAL FORTE**

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| --- | --- |
| Technical Skills | Core Java, SpringBoot web service, Maven, JSP, Servlet, PL/SQL, SQL, Data Structures, Algorithms, Unix Shell Script, Android, JavaScript, jQuery, Angular.js, Bootstrap, JSON, RabbitMQ |
| Application Server | Tomcat, WebLogic |
| Databases | PostgreSQL, MYSQL, Oracle and MongoDB |
| Cache Server | Redis, Memcache |
| Tools | Eclipse, NetBeans, IntelliJ. |
| Platform | Windows 7/8/10, UNIX |

**WORK EXPERIENCE**

**Employer**: **Make My Trip**

**Period of Work**: Oct 2018, Bengaluru, India

**Role**: Senior Software Engineer 2

**Projects:**

1. **Airline API Integraion**

* Worked closely with airline API support team to understand the API and design the system to integrate with existing MakeMyTrip flight system.
* Worked as an indvidual contributor and producing high quality code without much supervision and on-time delivery.
* Complete responsibility of module from designing stage to deployment stage.

1. **Cancellation Penalty and Refund System**

* Worked closely with product team to understand the cancellation and refund rules and developed the system for same.
* Providing quick solutions for any bug in existing cancellation and refund system to reduce the loss.
* Migrating existing system into micro service based system.

**Employer**: **Calient** **Technology, India**

**Period of Work**: Oct 2017 – Sep 2018 Bengaluru, India

**Role**: Software Development Engineer

**Project Name: Light Connect Fabric Manager**This is smart solution to manage various devices in a lab. This module helps the user to connect one of more devices through optical switch layer. This solution helps the user to validate a topology by pooling the available ports on the devices and facilitating the reservation of the ports

* Design/development of a resource allocation (RA) subsystem in the backend to assess user request and allocate resources (Calient optical switch ports) to facilitate the requested topology.
* Integration with existing framework to activate and deactivate relevant cross connects on the optical switch.
* Optimizing scheduling system to activate and deactivate topologies at specified time intervals.
* Design/development Reoccurring System for creating multiple schedule in one go and assign resources with daily, weekly, monthly and annually frequency.
* Optimizing the resource allocation system for faster response.
* Developing multithreaded and queue-based system for handling multiple devices.
* The subsystem is being developed in Python, JAVA and uses REDIS server framework.

**Employer**: **Pokkt**

**Period of Work**: Sep 2016 – Oct 2017, Bengaluru, India

**Role**: Software Development Engineer

**Projects:**

1. **Pokkt Video Ad Server**

* Using stats and device info to provide the most relevant ad to the SDK.
* Optimizing the video ad server for faster response.
* Developing queue listener for data collection.
* Taking end to end responsibility for a task.
* Collaborate with other teams to get the work done.

1. **Pokkt Reports**

* Writing Spring Boot APIs to build the stats. Migrate all PHP APIs to Java.
* Developing APIs to generate revenue reports
* Developing cron jobs for reporting and stats building.
* Developing revenue reports for dashboard and publisher partners

**Employer**: **Hewlett Packard Globalsoft Pvt. Ltd**

**Period of Work**: Jan 2014 – Sep 2016, Bengaluru, India

**Role**: Software Developer

**Projects:**

1. **SAPP- Single Access Partner Portal**

* Writing shell scripts for logging, reporting and scheduling tasks.
* Participate in peer and lead code-review sessions to identify potential problem areas and suggest alternative solutions
* Support deployment of applications into production and resolve production issues by reproducing and determining the root cause.
* Configuring and customizing the IDM components (OIM, OID and OVD)

1. **Native Cloud Applications**

* Developing spring restful web service for existing project to migrate it from mainframe to cloud.

1. **HP events Android app**

* Spring REST service for fetching HP internal events details.
* REST client for android app, voting for the teams participating in events and events notification

1. **BYOX- Bring Your Own Experience**

* Create custom connector for CSV file provisioning in OIM.
* Create custom scheduler to validate the reconciliation
* CSV file and send error in email. Configured DBAT adapter and policy creation

**ACADEMICS**

* B.Tech. in CSE from Amritsar College of Engineering and Technology, Punjab Technical University, India in 2013 80%
* Higher Secondary from Gyan Ashram Sen Sec School, Amritsar, India in 2009 72%

**PERSONAL INFORMATION**

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