**Mitali Bhokare**

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**SUMMARY**: Industry experience in Core Java and Kubernetes along with working knowledge of Python and ReactJs.

**TECHNICAL SKILLS:**

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| Languages: | Java, Python |
| Web and Cloud Technologies: | Kubernetes, Redis, AWS S3, Kafka, ReactJs, JavaScript, Google’s API.AI, LUIS |
| Databases: | SQL, PL/SQL, SQLite, MySQL |
| Industry tools: | Android Studio, Firebase, SVN, Git, Eclipse, IntelliJ, PyCharm |

**PROFESSIONAL EXPERIENCE:**

**Software Engineer (Systems)** at Hewlett Packard Enterprise, Santa Clara CA July 2018 – Present

* **Technologies used :** *Kubernetes, Redis, VS Code, IntelliJ, PyCharm, Selenium Scripting, React JS, Spring Framework*
* Developed a backend microservice that used **Kubernetes** for service deployment, **redis** as a database and **AWS S3** for file storage.
* Created a **cron job** for the microservice using **incron** which is a daemon that monitors filesystem events and executes commands.
* Contributing in HPE’s NetEdit (Network Analytics engine) that provides a UI for creating a topology and editing the network.
* Working with industry standard front-end technologies like **ReactJS, Redux, Javascript** for building web-based user interfaces.
* Working with **Redux** architecture using complex Object-Oriented concepts to improve the performance of the application.
* Server-side work using **Spring Boot** along with **Hibernate ORM** to eliminate boilerplate code and increase productivity.
* Writing unit test cases in **Mockito** which is a Java based framework to help maintain the changing code from bugs.
* Developed feature test using selenium in **Python** to test the workflow which helps to test the workflow between different modules of the product.
* Adding **Integration test** using **Spring Boot** to improve test coverage and catch issues like broken database schema.
* Implemented version control using **Flyway migration** to track the incremental changes to our database.
* Using the java library named **Lombok** to annotate classes to avoid the boiler plate code.
* Following best practices to write a more compatible and optimized code to minimize performance pitfalls.
* Interacted with Testing Team, Scrum Masters and Business Analysts to fix Issues.
* Represented my organization at career fairs leading to great interactions with a lot of smart minds.

**Software Developer Intern** at KPMG Sacramento, CAMarch 2018 – May 2018

* **Technologies used :** *Microsoft Azure, Bot Framework, QnAMaker, Visual Studio Team Services (VSTS),*

*Microsoft Cognitive Services, C#, NodeJS, Google Api.AI, LUIS*

* Used Google’s **API.AI** (Dialog Flow) and Microsoft’s **LUIS** to build chatbots which enhances the user experience of the webpage.
* Using **Node.js** to handle responses from Microsoft’s LUIS when user needs data via chatbot conversation.
* Wrote test cases using **Selenium** script on **JUnit** framework which helped to automate the test process of chatbots.

**Android Developer Intern** atComplianceTech**,** Virginia June 2017 – August 2017

* Implemented **Constraint Layout** functionality to handle compatibility for different screen dimensions.
* Used the **Retrofit Library** (REST Client for Android and Java by Square) to retrieve and upload JSON (or other structured data) via a REST based webservice.
* Worked with the Gson converter (google-gson) to convert a JSON string to an equivalent Java object.
* Integrated Google **Firebase** tool in the application for user registration and login authentication.
* Used **Genymotion** to test application on different Android versions to assure quality, performance and backward compatibility.

# Full Stack Software Developer at Accelya Kale Solutions, India July 2014 - July 2016

* Worked on product (Finesse) which was developed in **Java JSF** and **Spring (MVC)**.
* Implemented **SQL** code for application using **PL/SQL** which enabled portability and scalability of the application.
* Experienced in **RESTful web services** used for integrating Server Side with Client Side.
* Implemented Object-relation mapping in persistence layer using **Hibernate** framework in conjunction with spring functionality.

**ACADEMIC PROJECTS:**

**Research Assistant – VNCserver setup**, California State University, Sacramento, CA March 2017 – May 2017

* Designed a pre-environment setup for students over the cloud to save the overhead of software installation on their system.
* Wrote a UNIX shell script in **bash** to automate the configuration of **VNC server** after adding new users on a virtual machine.
* Used bash script to install Wireshark and Python which helped automating the pre-environment setup process.

**AI Project – Integrating TensorFlow in Android Application,** California State University, Sacramento Oct 2017 – Nov 2017

* Implemented a multi-class classification problem on android application which helped in detecting the digits drawn by the user.
* Used **MNIST** handwritten digits classification dataset to train the model with **TensorFlow** to enhance the quality of output results.
* Integrated the pre-trained tensor model in android application which demonstrated the portability features of TensorFlow.

**EDUCATION:**

**Master of Science, Computer Science**, California State University, Sacramento GPA: 3.73 Aug 2016 – May 2018

**Bachelor of Engineering, Computer Engineering**, University of Pune, India GPA: 3.65 Aug 2010 – June 2014