Kyle Kim

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Professional Experience

Flexspring | Senior Technical Consultant / Software Developer   June 2020 – Current

- Worked on the company's vital SaaS platform's API service that handles thousands of API requests daily. Demonstrated technical proficiency and ability to develop reliable software solutions using **Java** and **Spring Boot Framework**.
- Deployed and managed containerized applications using Docker and have extensive hands-on experience working with Linux. Utilized Kibana to monitor deployed applications in real-time to promptly identify on-going issues with the application.
- Extensive experience with **MySQL** and **PostgreSQL** along with Spring Data JPA for ORM, queries, and data handling.
- Contributed to an Agile Scrum team, leveraging CI/CD pipelines and tools like Jira, Jenkins, and Bitbucket to streamline development and delivery processes.
- Provided solutions to reduce manual data entry labor by upwards of 80% through automation of the data transfer process. Built over 60 Data Transfer integrations using **Groovy**, **SFTP**, **REST API,** and **SOAP API** to effectively extract and transfer data between various HCM & HRIS systems including ADP, BambooHR, and Workday.
- Served as the point of contact consultant for over 40 established companies, delivering tailored solutions to optimize data transfer. Managed multiple clients in a dynamic environment, averaging 5 concurrent clients on 3-month projects while ensuring high-quality outcomes and client satisfaction.
- Researched APIs relevant to the project, regularly reviewing human capital management systems' capabilities and limitations to offer insights and design tailored solutions for clients' needs.

EJ Pratt Library | Software Developer / Technical Support   Sept 2019 - June 2020

- Developed a feature for the library asset management website using **Python** and **PHP**. The feature enables users to search for text within PDF files and returns the coordinates, page numbers, and surrounding paragraphs of all instances of the searched text.
- Maintained an isolated testing environment using VirtualBox for the library's digital asset management system, enabling safe testing and updates without risking the live system.

IBM | Software Developer Intern   Sept 2018 - June 2019

- Full stack developer for the team's micro-service architecture based web application called DAM. The application is used to automate the testing and deployment of the MDM product by leveraging user configurable test scenarios.
- Demonstrated technical proficiency in **Java**, **MongoDB, VueJS** and **NodeJS** by resolving reported bugs and enhancement requests for the applications in a timely manner.
- Performed the application maintenance and monitoring. Optimized the backend server to use 50% less memory which resulted in improved reliability.
- Improved the frontend functionality of the application using VueJS and Node.js, enhancing both user experience and functionality.
- Communicated with team members to collect their feedback on the application regarding new features requests and bugs. Effectively maintained the task list using Jira.

Projects

Cyricept Solutions   Sept 2019 - June 2021

- Designed and implemented software solutions to address complex challenges in cardiovascular disease prediction and prevention.
- Conducted research to gain an understanding of the current state of the art in cardiovascular disease prediction and prevention, and utilized that knowledge to inform the development of our software products.
- Conducted usability testing and gathered user feedback to continually improve the user experience of our software products.
- Developed a hardware and software prototype that demonstrates the basic use case and functionalities of the solutions

BANDROID   June 2018 July 2018

- Designed and implemented a web application utilizing REST APIs, MongoDB, and Express.js to enable users to seamlessly locate and purchase tickets for a wide range of musical events in their local area.

Education

University of Toronto BSc: Computer Science Specialist, September 2015 – June 2020
Skills: Python, Java, Spring, Groovy, Javascript, Express.js Vue.js, React, HTML, CSS, Shell Script, MongoDB
Tools: Git, Bitbucket, Docker, Maven, Gradle, Linux, UML, Jira
Language: Korean (Fluent), English (Fluent)