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Summary

A dynamic, passionate, highly motivated software engineer offering 3 years of experience with demonstrated ability to apply creative problem-solving skills, excel in and learn new technologies. Strives on delivering high quality software products on time.

Key Skills

Java, C#, Python, JavaScript, Goalng; Object-oriented Design, Design patterns, Micro-services architecture pattern, n-tier scalable systems; SQL, Time-Series database; Web Services, REST, RabbitMQ, Maven; JBoss, Tomcat EE, Dropwizard, AngularJs; Agile development; Eclipse, Visual Studio, Git, Jenkins; Junit, PowerMock, Jacoco.

Work Experience

Network Analytics Engine, Aruba Networks, CA   **Nov 2017- Present**

- Software Engineer for a team working on Network Analytics Engine, an anomaly detection framework which offers monitoring and alerting services on a network device such as a L3 switch.
- Design, develop solutions scripts which monitors and provides infrastructure for predictive analysis for specific system and network configuration use cases.

   Environment: Golang, Python

File System Protocol Team, Hewlett Packard Enterprise, CO   **Aug 2016- Oct 2017**

- Designed and developed asynchronous REST web services to handle various file system protocols such as NFS, SMB, and Http.
- Implemented a caching mechanism to cache file owner's metadata from an Active Directory server.
- Contributed in the design and development of fully automated solutions which enable to build, deploy and monitor the application.

   Environment: Java, Python

VMware vCenter Management Plug-in Team, Hewlett Packard Enterprise, CA   **June 2015- July 2016**

- Software engineer for a team creating VMware vCenter plug-in for managing and deploying HPE storage products like virtual storage arrays.
- Designed and developed highly efficient and scalable REST web services to manage multiple virtualization environments and reduce the server response time by 20%. Designed, wrote and tested new software features for VMware vCenter plug-in.
- Implemented and tested highly efficient messaging queues that helped in building the application into independently deployable micro services to connect and scale.
- Identified as top performer in annual review (2015) for delivering highly maintainable software.

   Environment: Java

Software Engineering Intern, Hewlett Packard Enterprise, CA   **May 2014-August 2014**

- Responsible for developing a device provider that monitors and manages HPE Storage System using the SMI – S (Storage Management Initiative Specification) interface. This device provider is currently being used by HPE Storage VMware Ecosystem Integration team.

   Environment: Java

Graduate Assistant, Autonomic Computing Lab, Dept. of CE, University of Arizona   **August 2013-May 2014**

- Assisted in designing a robust plugin to Nagios, an open source computer system monitoring software application, which detects malicious threats to an organization that comes from people within the organization. Implemented a feature to alert the users when things go wrong and notify them a second time when the problem has been resolved.

   Environment: Java

Education

University of Arizona, Tucson, AZ   **May 2015**
Master of Science, Computer Engineering

M.S.Ramaiah Institute of Technology, Bangalore   **June 2013**
Bachelor of Science, Computer Engineering