

**Nishanth Prakash** [nishanth.prakash@gmail.com](mailto:nishanth.prakash@gmail.com) (520) 265-7167

## Summary

A dynamic, passionate, highly motivated software engineer 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, GoLang; 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 switch.
- Design, develop and test 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

- Design, develop and test asynchronous REST web services to handle file system protocols such as NFS, SMB, and Http.
- Contributed in designing and developing fully automated solutions which enable to build, deploy and monitor the application.
- Design, develop and test a caching mechanism to cache file owner's metadata from an Active Directory server.

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.
- Designed, developed 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.
- Designed 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

Master of Science, Computer Engineering

### M.S.Ramaiah Institute of Technology, Bangalore

Bachelor of Science, Computer Engineering

May 2015

GPA - 3.6/4.0

June 2013

GPA - 3.8/4.0