JoshuaKu

Sofware Engineer

Address
4407 Hopson Road Apt 8204
Morrisville, NC, USA 27560

1688 W. 62nd Ave.
Vancouver, BC, Canada V6P
2G2

Telephone
+1 267 699 6250

Email
joshua.ku@outlook.com

Git
github.com/joshku

LinkedIn
linkedin.com/in/joshua-ku-ab323349

Languages
C/C++ ★★★★★
C# ★★★★☆
Python ★★★★☆
Bash ★★★★☆
Java ★★★★☆
Objective C ★★★☆☆

English ★★★★★
Cantonese ★★★★☆
Mandarin ★★★☆☆

Operating Systems
GNU/Linux ★★★★☆
MacOS ★★★★☆
Windows ★★★★☆
iOS ★★★☆☆
Android ★★★☆☆

Framework Skills
Artifactory, Docker, Jenkins, UrbanCode Deploy, Elasticsearch, Kibana, Logstash, Gerrit, Vyatta vRouter, Wireshark, Citrix Netscaler, NGINX, Ansible, HP ITSM, RedPrairie WMS, MS Office, MS SharePoint, SAP R3, ScaleIO, Eclipse, MS Visual Studio, Qt, Agile, Scrum, DevOps

Summary

I am an experienced software engineer with a focus on back-end programming. Skilled in learning new technologies and working under pressure. Has strong communication skills and is very good at debugging issues. Highly experienced in network administration, database administration and server administration.

Education

2010 - 2015 **The Pennsylvania State University** **State College, PA**
BS in Computer Science
BS in Information Sciences and Technology
GPA 3.38
Dean's List: Sprint 2011, Spring 2014

Experience

09/15 - Present **IBM** **Durham, NC**
Software Engineer
Supported applications such as Jenkins, Artifactory and UrbanCode as cloud services
Designed a highly available network architecture to support cloud based tooling
Assisted teams in debugging network related problems
Managed VPN tunnels with external customer datacenter environments
Managed vendor relationships with MySQL
Led developer workshops to teach programmers how to develop code with the DevOps mentality
Provided 24 x 7 support for global DevOps movement

05/14 - 08/14 **General Motors Company** **Lake Orion, MI**
Orion Assembly IT Intern – Mobile Applications / SharePoint Developer
Developed an Android application in Java to assist with torque tool auditing
Worked with various teams across the plant to assist in document control processes
Created and maintained a SharePoint site for all plant personnel to use

02/14 - 04/14 **The Pennsylvania State University** **State College, PA**
EMC - ScaleIO Project Manager
Developed a management GUI for a ScaleIO environment as a browser application using WPF and C
Consulted with ScaleIO users to understand the environments and processes
Investigated how software defined storage can impact data centers