Dhruv **Salwan**

SOFTWARE ENGINEER · CLOUD

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Summary

Focused, efficient and reliable Software Engineer with experience in developing and debugging tools to provide secure and cost-efficient use of AWS Cloud. Diversified skill sets covering software development, agile methodology, automation and user support. Excellent interpersonal, phone and digital communication skills.

Skills

Programming	Python, Java(Basic), JSON, YAML, HTML5, Markdown, LaTeX
SDK and Frameworks	Boto3, Jinja2, Jekyll
Cloud	AWS(EC2, EBS, S3, ELB, CloudFormation, Lambda), Terraform(Basic)
Operating Systems	Linux, MacOS, Windows
Tools	Git, GitHub, Docker, Jenkins, PyCharm, Atom, Wordpress, ElasticSearch, Confluence, JIRA, PagerDuty

Work Experience

CapitalOne   *McLean, Virginia*

SOFTWARE ENGINEER   *Oct. 2016 - PRESENT*

- Centralized Cloud Custodian policy development at the Enterprise level to achieve consistency, security and cost-effectiveness in AWS Cloud Infrastructure.
- Develop, test and maintain functionalities in Cloud Custodian to support encryption, tagging, backups, off-hours, network security for all services in AWS Cloud.
- Maintain clear and up-to-date documentation for Internal Cloud Custodian policies using GitHub Pages.
- Design effective Jinja2 templates to notify and educate end users to safely use AWS Infrastructure.
- Write Python scripts to automate weekly and monthly reports.
- Monitor status of application by following on-call rotations using PagerDuty.
- Monitor status of application by following on-call rotations using PagerDuty.
- Train and Develop new associates on using CapitalOne open source projects, underlying infrastructure and team culture.
- Provide email and phone support to other Software Engineers about securely and efficiently using AWS Infrastructure.

Kamla Hotels   *Downey, California*

NETWORK ENGINEER INTERN   *May 2015 - Aug. 2015*

- Analyzed and fixed complex software and hardware matters of significance pertaining to networking connectivity issues.
- Checked with user guides, technical manuals to find solutions and develop skills in testing network topologies.
- Optimized search results for Company's chain of Hotels by using Search Engine Optimization, implemented by posting articles and blogs containing specific keywords.

California State University, Long Beach   *Long Beach, California*

STUDENT DESKTOP SUPPORT   *Feb 2015 – May 2016*

- Installed, repaired, replaced and upgraded IT equipment including PCs, Laptops and Printers.
- Collected, systemized and recorded problem and solution logs.
- Provided ongoing support to users regarding systems and networks.

Certifications

AWS Certified Solutions Architect- Associate   *Dec. 2017*

AWS Certified Developer- Associate   *Nov. 2017*

Cisco Certified Network Associate   *July. 2015*

Education

California State University   *Long Beach, California*

MASTER OF COMPUTER SCIENCE   *Aug. 2014 - May. 2016*

Personal Projects

Perfect-CV
Sep. 2017

www.github.com/salwandhruvdev/Perfect-CV

- This resume is the output of Perfect-CV.

Terminal Customization
July. 2017

www.github.com/salwandhruvdev/terminal_customization

- Customize Mac Terminal and developed script which configures z-shell, Oh-My-Zsh, iTerm2, to make the settings portanble.

SafeDrive
Jan. 2016

Academic Project - Android Applications

- An Android application which used Accelerometer and Orientation sensor readings to detect if a driver is drunk. Features included Google Maps and implemented algorithm from an IEEE paper.

Proxyed
Sep. 2015

Academic Project - Cryptography

- A Java application which allowed secure transfer of data between Client and Server. Security features included AES-256, HMAC and RSA algorithms.

Personal Projects