Abhishek **Jaiswal**

SOLUTIONS ARCHITECT · PYTHON, DEVOPS, INFRASTRUCTURE, TESTING

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Summary

9+ years experience specializing in backend/infrastructure, web development and computer security. Super nerd who loves Sublime, Vim, Linux and OS X and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

3+ years of experience in Openstack support and writing infrastructure as a code using ansible and python, working knowledge of container and kubernetes

2+ years of experience in Automation Testing for large scale instrastructure, using tempest, sonobuoy.

Skills

Thorough knowledge of	Python, Ansible, Javascript, PHP, Openstack, Teraform
adept at frameworks like	django, webpy, flask
Technically sound with	Linux, Networking, Kubernetes, Docker
Adept with tools and utilities like	Pycharm, Sublime, Vim, Eclipse, Iterm,
Adroit with source code management using	GIT, SVN, Gerrit
High potential to utilize scripting languages	HTML, XML, YAML
Proficient in Operating Sytem like	Windows xp/7/8, Ubuntu, OSX

Work Experience

Ericsson India   *Kolkata, West Bengal, INDIA*

SOLUTIONS ARCHITECT [PYTHON/DEVOPS/TESTING]   *Sep, 2018 - PRESENT*

- Working on different projects on NFVI, Openstack, Kubernetes
- Implemented Sonobuoy Testing Framework with additional capablities using python unittests .
- Working as a lead Contributer for a major American telco operator's cloud platform
- Worked on several POC projects in Docker, Kubernetes, ansible, focusing on high-availability, fault tolerance, and auto-scaling.

Terdata Labs   *Hyderabad, Telangana, INDIA*

SOFTWARE ENGINEER III [PYTHON/DEVOPS]   *Apr, 2018 - Sep, 2018*

- Implemented python based web app to cater different needs .
- Implemented ELK Automation on ansible to add n host for monitoring.
- Worked on writing Vagrant files for different application
- Worked on several POC projects in Docker, Kubernetes, ansible, focusing on high-availability, fault tolerance, and auto-scaling.

Pramati Technologies   *Hyderabad, Telangana, INDIA*

SENIOR SOFTWARE ENGINEER [PYTHON]   *Apr, 2015 - Mar, 2018*

- Implemented djangorestframework RESTful API server for internal projects.
- Implemented Data driven Framework in python/djangorestframework frontend/backend.
- Worked on Automation Framework in Ansible to deploy Openstack for one of the largest Telecom Provider.
- Worked on several POC projects in Docker, Kubernetes, ansible, focusing on high-availability, fault tolerance, and auto-scaling.
- Developed an easy-to-use Payment module which connects to major PG(Payment Gateway).

MindFire Solutions   *Bhubaneswar, Orrisa, INDIA*

SOFTWARE ENGINEER [PYTHON]   *Nov. 2012 - Apr. 2015*

- Worked on several Odoo (formerly openerp) projects.
- Worked on Customized ERP Application for Custom Brokerage and warehousing using odoo framework in python.
- Worked on Web based ERP Solutions for Importers and Exporters using PHP, EXTjs, Mysql.

Acumen Consultancy PvtLtd   *Kolkata, WestBengal, INDIA*

WEB ENGINEER [PHP]   *Jun, 2010 - Nov. 2012*

- Worked on IMS-Pharmastat, web based CMS using PHP (Codeigniter), Javascript, Mysql. (http://imspharmastat.fr/)
- Worked on UBI-France, Web Based Doctor Directory Listing using PHP (Codeigniter), Javascript, Mysql.
- Worked on Open2leads, Question and Answer Forum for B2B with social-networking features, Using PHP (symfony), JavaScript, MySQL.

Education

Institute Of Engineering & management   *Kolkata, WestBengal, INDIA*

MASTER OF COMPUTER APPLICATION (MCA)   *2009 - 2011*

- Major in Computer Applications

Acharya Institute of Management & Sciences, Bangalore University,   *Bangalore, Karnatka, INDIA*

BACHELOR OF COMPUTER APPLICATION (BCA)   *2006 - 2009*

- Major in Computer Applications

WBCHSE, (West Bengal Council of Higher Secondary Education)   *Kolkata, WestBengal, INDIA*

HIGHER SECONDARY, PUC   *2004 - 2006*

- Accounts Major

Projects

AIC (AT&T Integrated Cloud) Security Scrum

Tech Stack: Ansible, Python, Bandit, Pentest, Sensage, Foreman, OWASP, MetaSploit

Role: Analysis and Scope Various Security related vulnerabilities in the Platform.

Some of them are SSL related vulnerabilities (week ssl cipher).

Implement Proper User Access Management using AT&T's own tool called UAM.

perform series of checks for known/reported vulnerabilities such as Meltdown and Spectre, shellshock, DNS Bind server vulnerabilities etc

WebApp for Automation Support

Tech Stack: Python, Django, PGSQL, AngularJS, Ansible, Shell, Docker,

Python Django Web based Application

Data gatehering tool for large scale Openstack Deployment

handled various security related vulnerabilities like Cross site scripting (XSS) protection,

Cross site request forgery (CSRF) protection, SQL injection protection Clickjacking protection,

Host header validation, Session security

Shipment Module for Openerp

python, Openerp, PGSQL

Online Customized ERP Application for Importers and Exporters

Team Lead, Database, code reviews, test plan and test case Deployment, Maintenance

Achievements

2016	**RED HAT CERTIFIED SYSTEM ADMINISTRATOR IN RED HAT OPENSTACK**, https://www.redhat.com/rhtapps/certification/verify/?certId=160-236-972
2017	**Learn DevOps: The Complete Kubernetes**, https://www.udemy.com/certificate/UC-L2FLIMPW/
2012	**Zend Certified Php5 Developer**, ClientCandidateID=ZEND023657
2012	**Microsoft Certified Developer**, Microsoft Certification ID: 9784595
2012	**certified in ERP-Essential (Microsoft Dynamics)**,
2010	**Runner up Embedding System Programming inter-college held in IEM post-graduate level**,
2007	**College Festival Organizer**,
2007	**Undergraduate level College Festival organizer**,