

Abhishek Kumar

Software Engineer
Firefighter, Public Speaker and Quick learner

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EXPERIENCE: 2.7 yrs

Cavisson Systems Inc., Noida — Software engineer

December 2016 - PRESENT

2 years 07 months of working experience in the field of **Server and android Monitoring development**, Google Cloud, DevOps and **Performance-Engineering tools development**.

Good exposure on :

Linux/UNIX platform, Python, Django, Bash-ShellScript, Google Cloud, Docker-Container, RedHat-OpenShift, Websocket, Software Development Life Cycle, Jenkins, CI/CD, Git, Software Testing Process, REDIS clusters, NoSQL, MySQL, UNIX-OS performance.

Looking forward to work more extensively in python.

EDUCATION:

Gandhi institute of engineering and technology, Gunupur, Odisha — B.tech in E.C.E

July 2013 - May 2017

Strong engineering professional with a B.tech focused in electronics and communication engineering from BPUT with an overall score of **8.04/10**.

PROJECTS:

Client — Kohl's (Largest Ecommerce retailer in USA)

Role: Software Engineering

Domain: Ecommerce

Work Done :

- **Development of Monitors for different types of servers and android devices.**
- Mocking External Rest API's which are not able to handle Stress Load using django **Django Rest Framework(DRF)**.
- Used **Django Channels** to create a real-time application that updates a list of users as they log in and out.
 - Added Web sockets support to a Django project via Django Channels
 - Set up a simple connection between Django and a Redis server
 - Implement basic user authentication
 - Login Alerts
 - Sanity Check
 - Leverage Django Signals to take action when a user logs in or out

TECHNICAL SKILLS

Programming Languages:
Python, Bash-Shell script

Cloud Web-service Platforms:
Docker-container, Google Cloud Platform, RedHat OpenShift

Database:
MySQL, MongoDB, SQLite, PostgreSQL

DevOps Tools :
Jenkins, CI/CD, Docker, Kubernetes, Git

Debugger Tools:
Postman, HTTP Analyzer, Fiddler

Log Analysis Tools:
Splunk
Network Analysis Tools:
Wire-shark

Server Types:
Websphere, Tomcat, Apache, Redis, Weblogic, Nginix

Remote Access Tools:
SQL Developer, Xshell, Putty
Defect Management Tools:
JIRA, Confluence, Bugzilla

Load Testing Tools:
Jmeter, Netstorm, Netcloud, SOAP UI

Simulator Tool:
Netocean
Profiling & Monitoring Tools:
Netdiagnostic, Dynatrace

Other Analysis Tools:
Akamai Luna center, Apigee Dashboard, Thread-dump Analyzer, Omniture

Test Types:
Functional, Smoke, Calibration, Stress, Regression, Load, Endurance

- Part of a project in which we need to add [ORM support to a Django project](#) whose performance is being degraded due to SQL injection.
- Added a TCP client-server support to a Django based pinpad web app for simulation in automated scripts using [Python Socket programming](#).
- Built a web app for [Typeahead functionality](#) to be integrated in a Python based website as part of freelancing.
- Built a [Geolocation locator](#) web app to be integrated in a Python based website as part of freelancing.
- Integrated a [social authentication](#) method option to a Django project.