Kartar Dhiman

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Summary

- 2 years of experience as software development engineer.
- Worked with prominent clients like VMware, Dell, Netapp.
- Hands on experience in Core Python, Core Java, Java SpringBoot FrameWork, JDBC, Hibernate, Flask, Async programming in python, Https protocol.
- Knowledge of PyCharm and STS(Spring Tool Suite)
- Cohesive team worker, having strong analytical, problem solving and interpersonal skills.

Professional Experience

Calsoft Inc   **Pune, Maharashtra**
Software Developer   May 2017 - Present

Project: VMware Liota (May-2019-Present)

Project Description: Little IoT Agent (liota) is an open source project offering some convenience for IoT solution developers in creating IoT Edge System data orchestration applications. Liota has been generalized to allow, via modules, interaction with any data-center component, over any transport, and for any IoT Edge System. It is easy-to-use and provides enterprise-quality modules for interacting with IoT Solutions.

Domain: IOT

Technologies Used: Python, Git, Jira, Web apis.

Responsibilities:

- Core python development as per the requiremens
- Ported full codebase from python2 to python3.
- Actively responsible for the changes in architecture of the product.

Project: Converged Systems Advisor (September-2018-April-2019)

Project Description: NetApp Converged Systems Advisor validates, monitors, and optimizes the deployment of your FlexPod converged infrastructure to ensure the best performance and availability for your business applications. It is a software-as-a-service (SaaS) platform that consists of a customer on-premises agent and a cloud-based portal.

Domain: Converged Infrastructure

Technologies Used: Python, Async programming, Web apis, Git, Jira

Responsibilities:

- Created engines in python.
- Core python development according to the jira tickets.

Project : Vmware Zero Config (January-2018- August-2018)

Project Description :
The VMWare Zero Config Server (ZCS) allows the zero-touch gateways to be on-boarded with the Pulse platform and be configured seamlessly with the required software packages with minimal human intervention. LIoTA workbench provides developers to write template code to ease the way the data from sensors is collected and sent to data centers.

Domain: IoT.

Technologies Used : Java, Windows, Linux, Postgres, Bash, Jira, HTTPS, Git, Maven, Spring

Responsibilities :

- Handled Git integration.
- Configured SSl certificates for the servers.
- Handled authentication for the application using hibernate and password encryptors.
- All the data validations using regex for the server side.
- Created JWTs for the APIs.
- Implemented cache for the Jwts.
- Implemented basic security against ddos attacks.
- API developments.
- Made a Python flask server for generating the self-signed certificates.

Project : Generic Cloud Interface (August-2017-December-2017)

Project Description :
Unified Cloud Communication Interface, a common interface to get/put data into and from multiple cloud storage

Domian: Cloud, Storage

Technologies Used : Python, Git, Nose Test Framework

Responsibilities:
- Implemented FTP Server.
- Integrated code with S3 module.
- Developed a test framework and automated test cases .

Education

Chitkara University
Bachelor's Degree

Baddi, Himachal Pradesh
Graduated May 2018

Technical skills

Python
MySQL
Linux

Hobbies

Reading books.
Playing football.