

Python Backend Senior SDE seeking roles in Software Development, Application Programming, Application Maintenance, Project Management, Requirement Analysis, Solution

Architecture, Python, C, Groovy, Cassandra, Redis, MySQL, Jenkins, Shell

Scripting, GIT, Jira, JSON



Current Company: VVDN Technologies Notice Period: 2 Months

Current Location: Gurgaon Highest Degree: B.Tech/B.E. [Computer Science]

Pref. Location: Delhi / NCR, Gurgaon, Noida

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Python Backend Senior SDE, Tech Lead, Software Development, Application Programming, Application

Maintenance, Project Management, Requirement Analysis, Solution

Architecture, Python, C, Groovy, Cassandra, Redis, MySQL, Jenkins, Shell Scripting, GIT, Jira, JSON

Verified: Phone Number | Email - id

Last Modified: 20-Jan-21 Last Active: 20-Jan-21

Summary

Approx 3 years of experience in the areas of Analysis, Design, Operations and Development.

Experience includes Architecture design, Coding, Client-Interaction,

Testing & Designing.

Conceptually strong with an innovative and analytical approach to the work with an eye for detail.

Fast Learning and RnD skills.

Good analytical and programming capabilities coupled with excellent decision making skills.

Good understanding of Algorithms, Data Structures and Design Patterns.

Work Experience

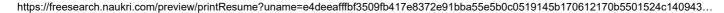
VVDN Technologies as Python Backend Senior SDE Jan 2018 to Till Date

1. Project Name: Cloud-based management platform that enables easy setup and configuration of Access Points, Switches, Routers and Storage devices. Overview: This was a revolutionary new way to instantly discover, configure, and continuously monitor and manage your networks of selected Wi-Fi access points, switches, routers and storagedevices. This was an industry first, offering plug-and-play setup and management of small business networks from an easy-to-use mobile App and Cloud Portal.

Technologies Used: Python Scripting, Consumers, Asynchronous programming using twisted, pika, asyncio, Cron Jobs, Django Rest Framework, AWS Lambda, API Gateway, NGINX, RabbitMQ, UWSGI, CloudWatch, Jenkins, Shell scripting, Redis, Json handling, kubernetes, Docker

Database:

Extensively worked with cassandra databases. Which includes involvement



in schema design, query optimization, database upgrade etc.

Responsibilities:

Mainly responsible for device communication such as device health processing, device monitoring data processing, device command and

Other responsibilities include analysing, designing, coding and implementing several cloud modules of this application. Along with this actively involved with Architecture Design and Development Code fixing, optimization and maintenance of the application. System Development Plan, System Requirements, Technical Specifications, design and test case document. Participating in client calls and involved in the requirement gathering from the clients.

Major highlighted features include device health management, network topology, client roaming history, client browsing history, connected and disconnected clients management etc.

2. Project Name: Network Element Management System Overview: An Element management system (EMS) is a powerful yet easy-touse application suite that facilitates the management of a network elements including APs, WLC, POE Switches and L2/L3 Switches. EMS offers a comprehensive set of network management tools that are easy to use from client workstation configured with a web browser.

Technologies Used:

Python (on linux), Database Cassandra , Python, Django, RestAPI, JIRA, RabbitMQ, Redis, pika, SNMP protocol

Responsibility:

Responsible for Infrastructure design and development(Dev, Staging and Production) along with continuous integration and continuous deployment using CircleCI.

Optimization and maintenance of the application.

Database setup

Actively involved as an RnD resource while automating the development work to reduce man hours.

Participating in client calls and involved in the requirement gathering from the Clients.

3. Project Name: Arlo Continuous Integration & Deploymen t Overview: Writing jenkins file for multi branch pipelines. Building the source code and pushing into the artifactory and deploying the code with scanning via sonarqube tool.

Technologies Used:

Jenkins pipeline, Jenkins File, Groovy, Artifactory, Sonar Qube Responsibility:

Writing the jenkins file.

4. Project Name: Wireless Network Management system (WLC) Overview: Initial handshake will be done using https packets and then web socket will be created. WebSocket Server will be running on the WLC and a WebSocket client will be running on the AP device. Once the WebSocket connection is created, AP device client.js can directly communicate with WLC.

Technologies Used:

Python, Database Cassandra ,Python,Django, RestAPI,JIRA,Redis,SNMP protocol, Web socket.

Responsibility:

Mainly responsible for device communication processing, device monitoring data processing, device command and boot processing. involved with Architecture Design and Development Code fixing, optimization and maintenance of the application. Network topology, client roaming history, client browsing history, connected and disconnected clients management etc.

Education

UG: B.Tech/B.E. (Computer Science) from gla university, mathura in 2018

IT Skills

Skill Name	Version	Last Used	Experience
Python, C, Groovy			
cassandra, redis			
MySQL			
Django framework			
Docker, RabbitMQ			
NGINX			
Shell Scripting			
Jenkins			
JSON			
Wireshark, Postman			
Numpy, Pandas, Boto3, Pika			
Git, JIRA, Pycharm			
Jupytor, VI editor			
Vim Editor			
Nano Editor			
JSON, HTML			

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

Affirmative Action

Work Authorization

Physically Challenged: No

Job Type: Permanent

Employment Status: Full time