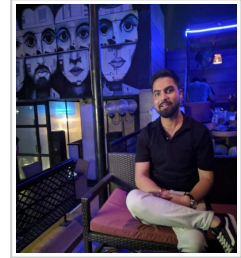


**ABHISHEK TIWARI**

Python Backend, Python Scripting, Application Programming, Project Management, Requirement Analysis, Solution Architecture, Python, Django, Linux System, AWS, AWS lambda, MongoDB, Redis, PostgreSQL, MySQL, Docker, Pytest, Kubernetes, RabbitMQ, kafka, shell scripting

Current Designation: Python Backend SDE

Total Experience: 3 Year(s) 0 Month(s)

Current Company: VVDN Technologies

Notice Period: 2 Months

Current Location: Noida

Highest Degree: BTECH [Computer Science]

Pref. Location: Noida, Gurgaon, Delhi / NCR

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Python Backend SDE, Software Development, Application Programming, Project Management, Requirement Analysis, Solution Architecture, Django, AWS, MongoDB, Redis, PostgreSQL, MySQL, Docker, Kubernetes, Shell Scripting, Python, Python Developer, Linux

Verified : Phone Number | Email - id

Last Active: 21-Jan-21

Last Modified: 21-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 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 storage devices. 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 and aiormq libraries, Cron Jobs, Django Rest Framework, AWS Lambda, API Gateway, NGINX, RabbitMQ, UWSGI, S3, EC2, ALB, CloudWatch, Jenkins, Chef, Shell scripting

Database:

Extensively worked with MongoDB databases. Which includes involvement in

schema design, query optimization, database upgrade, indexing optimization etc.

Responsibilities:  
Mainly responsible for device communication such as device health processing, device monitoring data processing, device command and boot processing.  
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: IT Assets Report Generation Module  
Overview: A way to discover any asset in your corporate network without installing any software on them. Over 400 built-in network reports, adapt them to your needs, or build custom reports within minutes.  
Technologies Used:  
Python Scripting, ECS, RDS, EC2, VPC, Security Groups, IAM, NGINX, CircleCI, Containerization using Docker  
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  
Containerization of front-end and back-end applications.  
Integration of ECS, RDS AWS Services.  
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.

Education

UG: **B.Tech/B.E. (Computers)** from **GLA UNIVERSITY** in **2018**  
PG: **BTECH (Computer Science)** in **0**

IT Skills

Skill Name	Version	Last Used	Experience
Python, C			
MongoDB, Redis			
PostgreSQL, MySQL			
Python Scripting			
Django framework			
FLASK			
DOCKER			
AWS			
CLOUDWATCH			
Kubernetes			

Jenkins and chef
Shell Scripting
Git, JIRA, Pycharm
Jupyter, VI editor
Vim Editor
JSON, HTML
Linux

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent  
Employment Status: Full time