@Manoj Kozhikkal

New Delhi, Delhi

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Phone no:232484368

♦ 16+ years of cumulative experience (5 years relevant) in Software development and Network Security in international project-oriented and professional environment.

♦ Have excellent inter personal, team playing skill, Able to communicate at all levels and work alone or lead a small to medium size team when necessary

Work Experience

**Python Developer**

Viatris - Bengaluru, Karnataka

January 2022 to May 2022

As a contract employee from Crafsol Technologies Solutions Pvt, Ltd.

Responsibilities:

• Written code with object-oriented Python, Django, Visual Studio, SQL, PostgreSQl, JINJA2, HTML/CSS, PyCharm, Sublime Text, Linux and MAC OS.

• Maintained web applications using Django MTV framework which is based on model template view design pattern.

• Automated Network devices configuration and device backups with Python Netmiko and Paramiko libraries

Tools & Environment: Python, Django Visual Studio, SQL, PyCharm, Sublime Text, JINJA2, HTML/CSS, Linux and MAC OS

**Sr. Software Engineer**

Harcept IT Services Private Limited - Delhi, Delhi

April 2021 to July 2021

A- 134, F/F, Block C, Fateh Nagar, Delhi -110018

Role: Sr. Software Engineer

Responsibilities:

\* Automated Network devices configuration and device backups with Python Netmiko and Paramiko libraries

\* Configuring and managing policies on Fortigate Firewalls, PaloAlto/ Pnorama, Sonicwall, Cisco ASA \* Implementation and troubleshooting of IPSEC VPN and SSL VPN (Fortinet VPN, Net Extender and Cisco AnyConnect VPN client)

\* IOS/Firmware timely up gradation to avoid threats and bugs and license renewal.

Tools & Environment: Python, Windows 2008, 2012 servers, inbuilt firewall packet captures, packet tracer

**Software engineer**

HCL Technologies - Noida, Uttar Pradesh

May 2018 to November 2020

Responsibilities:

\* Managed, developed, designed, and instituted a dashboard control panel for more than 100 customers and administrators using Django, MySQL and PostgreSQL

\* Developed 30 views/templates with Django language to create a user-friendly website interface. \* Integrated 8 APIs for fetching prices, products information and photos from 3rd party sources \* Created and developed a wrapper in Python for instantiating a multi-threaded application. \* Implemented a login module for users, registration of the products, placing the order and tracking the order.

\* Created websites monitoring tools with Pandas data frame.

\* Regularly wrote Python routines to log into the websites and fetch data for selected options.

Tools & Environment: Python, Django Visual Studio, SQL, PostgreSQ, PyCharm, Sublime Text, Jupyter Notebook, JINJA2, HTML/CSS, Linux and MAC OS

**Software Engineer. (Global Network support for the client Control Risks.)** Virtual Employee Pvt. Ltd - Noida, Uttar Pradesh

September 2017 to January 2018

SDF Block, K-1 & K-4, NSEZ (Noida Special Economic Zone), Dadri Road, Phase-II, Noida -201305 Role: Software Engineer. (Global Network support for the client Control Risks.)

Responsibilities:

\* Automated Network devices configuration and device backups with Python Netmiko and Paramiko libraries

\* Configuring and managing policies on Fortigate Firewalls, PaloAlto/ Pnorama, Sonicwall, Cisco ASA \* Implementation and troubleshooting of IPSEC VPN and SSL VPN (Fortinet VPN, Net Extender and Cisco AnyConnect VPN client)

\* IOS/Firmware timely up gradation to avoid threats and bugs and license renewal.

Tools & Environment: Python, Windows 2008, 2012 servers, inbuilt firewall packet captures, packet tracer

**Software Developer**

American Express India Pvt Ltd - Gurgaon, Haryana

August 2015 to March 2017

As a contract employee of AVK Software Solutions Pvt Ltd and Infinite Computer Solutions (India) Limited. Responsibilities:

\* Developed web applications using Django MTV framework which is based on model template view design pattern for IPSEC VPN automation.

\* Written code with object-oriented Python, Visual Studio, MySQl, JINJA2, HTML, PyCharm and Sublime Text.

\* Managed MySQL database queries from Python using Python class object model.

Tools & Environment: Python, Django Visual Studio, SQL, PostgreSQL, PyCharm, Sublime Text, JINJA2, HTML/CSS

**Network Security Engineer**

JP Morgan Chase - Bengaluru, Karnataka

August 2009 to March 2014

As a contract employee from Magna Infotech Pvt, Ltd.)

Responsibilities:

\* Configuring and managing policies on Cisco ASA, and managed Internet sites access thru PaloAlto as perimeter firewall.

\* Involved in SNMP Network management, device configuration and backups using Python. \* Responsible for Handling Latency, Packet Drop related issues and troubleshooting of all down links after getting alerts..

\* Devices used: Cisco ASA, PaloAlto, Check Point 5200, Dell S4048-ON, HP ProCurve 2910al-48G, HP 2920-48G-POE+, HP MSM720 Controller, Ubiquity Cloud Key, and Air console

Tools & Environment: Linux, Python, Visio, PowerPoint, Secure CRT and GNS3

**Network and Systems Engineer**

I-Tek computers - Calicut, Kerala

April 2001 to August 2009

Responsibilities:

\* Troubleshoot TCP/IP network issues for the client BSNL 5ESS Telephone exchanges \* Perform network maintenance as well as configure and manage printers & other network equipment.

Education

**B.Sc in Computer in Computer science**

Annamalai University

Calicut University - Calicut, Kerala

Skills / IT Skills

• Technical Competency Programming languages & tools: Python, Django, Visual Studio, PyCharm, Jupyter Notebook, Django Debug Toolbar, Sublime Text, JINJA2, HTML/CSS and Terminal Database: MySQL and PostgreSQL Packages and libraries: Flask, Numpy, Pandas, SQLAlchemy, Netmiko and Paramiko. Operating systems: Linux, MAC OS Windows Server 2012, 2016 and Windows 10 International/ Onsite Exposure Transitioned GWAN site engineering and VPN configuration automation training programs from American Express, Phoenix, USA

• Python programming and Django frameworks.

• CCNA- Cisco Certified Network Associate (Scored 923 out of 1000).

• MCSE

• Microsoft Certified Systems Engineer.

Online Profile

https://stackoverflow.com/users/19916073/manoj-kozhikkal