

## RAJAT SHRIVASTAVA

Python Developer

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### PROFESSIONAL SUMMARY:

- ❖ Around 8 years of working experience on Python, Numpy, Pandas, Django, Flask technologies and worked in Development, Release projects.
- ❖ Good experience working in **Python, Django, Flask** using **REST API & FAST API**
- ❖ Strong experience in using tools like **GIT, Bamboo, Docker, JIRA, Microservices, CI/CD, Docker, Jenkins, kafka**
- ❖ Proficient in programming by using the IDE's such as **PyCharm, jupyter notebook**.
- ❖ Strong analytical and problem-solving skills to investigate complex issues.
- ❖ Capable of processing large sets of structured, semi-structured and unstructured data.
- ❖ Dependable and highly experienced with an excellent reputation as a successful team player. Able to handle multiple projects simultaneously and bring them to completion by or well ahead of deadline.
- ❖ A proactive learner with a flair for adopting emerging trends & addressing industry requirements to achieve organizational objectives & profitability norms.
- ❖ Abilities in handling multiple priorities, with a bias for action and a genuine interest in personal and professional development.
- ❖ Good communication and interpersonal skills, and ability to motivate peers, a quick learner, possess skills to work under pressure.
- ❖ Working knowledge of Cloud Microsoft Azure (Azure Bricks, Azure functions & DataFactory and AWS Services (lambda, Athena, S3, EC2 instance).

### ACADEMIC SUMMARY:

- ❖ B.E in Electronics & Instrumentation Engineering from ITM University, Gwalior (RGPV) M.P.-2013
- ❖ PGDBS from Manipal University Bangalore, Karnataka.-2015
- ❖ Intermediate in Agra Public School, Agra (U.P.) in AISSCE CBSE.-2008
- ❖ SSC from Kendriya Vidyalaya Khandwa (M.P.) in AISSE CBSE.-2006

## PROFESSIONAL EXPERIENCE:

- ❖ Worked as a Python Developer (Senior Software Engineer) in HTC Global from Aug 2022 to Oct 2023.
- ❖ Worked as a Lead Software Engineer in UST Global from Mar 2022 to Aug 2022.
- ❖ Worked as a Python Developer (Senior Software Engineer) in Huawei Technologies (Avacend Solutions) from Aug 2020 to Mar 2022.
- ❖ Worked as a Python Data Engineer (Assistant Manager) in Axis Bank Ltd. from Oct 2015 to Aug 2020.

## TECHNICAL SUMMARY:

- Language : Python
- Databases : MySQL, PostgreSQL, Oracle, MongoDB
- Frameworks : Django, flask
- Operating System : Windows, Linux
- Other technologies : REST API, FAST API, Apache, Kafka, Numpy, Pandas
- Tools : GIT, Docker, Postman, Bamboo, JIRA , Putty
- Scheduling Tools : GIT, SourceTree
- Cloud : Microsoft Azure, AWS

## PROJECT#

**Project Title:** Atrium Pricing (NewYork Stock Exchange)

Client : JP Morgan Chase & Co.

Skills: Python, Athena, Django, SQL, AWS, Microservices, CI/CD, Docker, Kafka, GIT

Designation: Python Developer

### **Responsibilities:**

- Understanding the requirements and developing the code using Python and Django
- Involved in developing the python code for the business logic.
- Involved in writing the code using request/response handling.
- Involved in Storing and Accessing data from MySQL
- Implemented unittest cases using unittest and mock frameworks

### **PROJECT#**

**Project Name:** Globe Wireless Expansion

Skills: Python, Pandas, Numpy, sql, Azure, Kubernetes, Flask, AngularJS

Description:-

The main aim is to implement a wireless application through which entire LAN network can be monitored with a simple wireless handheld network which works from anywhere irrespective of distance. Say, you have a LAN setup at your office.

Sitting at home you want to learn the LAN status.

Administrator can send the Control Commands like Start process, Kill process from his/her Cell Phone to Control the entire LAN and receive all the notifications from LAN.

Features Controlled From Cell Phone:-

- Process List: Get the list of all the processes running on the remote machine.
- Activate Process: Activate different processes in either the server machine or any of the client's.
- Kill Process: Kill the desired processes on either the server or clients.

- Read: You can read the drives, folders, files of any of the client machines/ the server machine from the cell.
- Open-File: A small text file residing in any of the client or the server machine can be opened on your cell phone.
- Shut Down the client machines from mobile

## PROJECT#

### **Project Title:** Jint

Skills: Python, Django, SQL, HTML, CSS, Java Script, Azure, React JS

Designation: Python Developer

### **Description:**

Jint is the delivery business service. Now a days every merchant is looking for reaching their business to the customer unlike bringing customers to their business. We are providing the delivery services, basic infrastructure which will meet their business requirement with minimum cost with high availability, this is the opportunity for merchant to expand their business by reaching to the customer. Jint have multiple actors like Admin, Merchant and Customer. Based on the roles we are giving the permissions to the actors. Jint multiple modules like Administration, Warehouse management and Delivery services. This system will takes the services of other applications. Jint is B2B model. We are offering the delivery services on top of merchants. It is new business model. In this platform we are offering the services within the metropolitan cities only.

### **Responsibilities:**

- Understanding the requirements and developing the code using Python and Django
- Involved in developing the python code for the business logic.
- Involved in writing the code using request/response handling.
- Involved in Storing and Accessing data from MySQL
- Implemented unittest cases using unittest and mock frameworks

## PROJECT#

**Project title:** Channels and Core Banking Solutions

Designation: Programmer Analyst

Skills: Sql, Unix, Python, Django,HTML, JavaScript, AWS

IDE: PyCharm, SqlDeveloper, PLSqlDeveloper

Tools: Remedy

### Description:

Channels is a suite of electronic payment systems such as IMPS, UPI, Net Banking, e- banking, Payment Gateway, Mobile banking services that enables customers of a bank or other financial institution to conduct a range of financial transactions through the banks website or mobile application. The online banking system is typically connected to Finacle core banking system operated by a bank.

### Role:

- ❖ Good understanding on the multiple application architecture and functionality.
- ❖ Hands on writing scripting.
- ❖ Experience in coding using Python, Sql and Java script
- ❖ Analyzing the PLSQL stored procedures and find a solution to the application issues and Customer issues.
- ❖ Configuring the CRON jobs in Unix system.
- ❖ Knowledge on GitHub.
- ❖ Hands on and Good knowledge on Requests, OS, Xlrd, Xlwt, Datetime modules in python.
- ❖ Ability to diagnose & address application issues in real time.
- ❖ Plan and Implement patches and enhancements in production environment with approval from Change Advisory Board to fix incidents.

- ❖ Supporting java applications in real time environment and make sure the application is working fine.
- ❖ Configuration of alert mechanism to detect the major incidents in real time.
- ❖ Experience in incident management and problem management.

## PROJECT#

**Project title:** Release Management Office

**skills:** Python, PowerShell, Sql, GCP, kubernetes, Flask

**Tools:** Electric commander

### Description:

RMO services are used to provide best in class and highly matured capabilities that drive down ownership costs and enable projects to deliver IT solutions more efficiently and effectively, Reduced schedules/timelines, Lower complexity of solution delivery, more efficient operation profile, Optimized through use of automation and other practices.

### Role:

- ❖ Automating various jobs through Python scripting to reduce the manual work which need to be performed daily for all the applications.
- ❖ Performing Manual Sanity Testing, Performance Testing and GUI testing on regular basis.
- ❖ Preparing environments and configuring it and performing Release management tasks for Dev, Test and Production Environments
- ❖ Knowledge on Web scraping using python, Selenium and Request modules.
- ❖ Hands on and Good knowledge on Requests, OS, Xlrd, Xlwt, Datetime modules in python.
- ❖ Hands on and good knowledge on building API using python.

- ❖ Developed scripts to automate the application deployments using python.
- ❖ Experience in creating the workflows for scripts using Electric commander tool.
- ❖ Work experience in verification of the released Application in different environments by automating the tasks using python.
- ❖ Monitoring and ensure proper flow of execution for deployments on the servers using electric commander tool workflow.
- ❖ Analyzing all the Log files generated after the execution of scripts for errors.

#### **CERTIFICATION:**

Global Certificate in Data Science (GCD) from International school of AI and Data Science (INSAID), Accredian 2019-2020

Python; Data Analysis with python; Data Visualization & Exploratory Data Analysis; Statistics; Machine Learning; Data Visualization with Tableau; Data Analysis with R.

#### **INTERSHIPS AND PROJECTS:**

- ❖ **Internship Objective: 3 months intern at AXIS BANK LTD. and got 10/10 A+ grade.** Understanding the working of Bank like Customer dealing, Account opening, Cash handling, RTGS, NEFT, CHQ transfer, Cross Selling, Finacle Software etc.
- ❖ **Internship Objective: Industrial Automation Training in SOFCON INDIA PVT. LTD. (An ISO 9001:2008 Company).** To learn advance PLC & SCADA software and their relationship. Understanding the functions of Instruments and variable frequency drives.
- ❖ **MINOR PROJECT: Remote Control For Home Appliances-** This project provides comfort ability in life. Life becomes easy and comfortable when home appliances can be controlled by remote. Thus it saves our time and energy.

- ❖ **MAJOR PROJECT: *Bottle filling Application and Simulation***- This project is based on industrial uses and for controlling procedure of manufacture in industries. In this we use PLC (Programmable Logic controller) for controlling inputs and SCADA (Supervisory Control and Data Acquisition).

