

# BIKRAM SINGHA

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## SUMMARY

A professional developer having **2 years 8 months** of experience in IT which includes exposure to Python Programming, Devops Automation and ETL background

## CURRENT EMPLOYMENT DETAILS

**DATES FROM – FEBRUARY 2018 - PRESENT**

**PROJECT ENGINEER, WIPRO LTD**

- Notice Period : 60 days
- Location : Bengaluru

### WIPRO LTD

### ACCOUNT-WELLS FARGO

### DOMAIN-BANKING

**ProjectProfile#2:**

**Team Member, Oct/2019 -Present**

### ROLES:

Responsible for automation of manual work using Python script in Devops environment

### KEY WORKING AREAS:

- Automated manual work using **Python scripting** and got opportunities to work on **design** activity of automation.
- Created **Jenkins pipeline** for new design flow automation.
- Code changes in **shell script, python script** and doing basic testing using Jenkins and have created bash Test Case for **Jenkins automation to automate the complete process.**
- I have worked with **uDeploy rest API, Jenkins API, Git API, Jira API.**
- Experience in **datastructure, decorator, multiprocessing, lambda function, regular expression** in python.
- Experience in **Object Oriented Programming (OOPs)** concepts using **Python.**
- Experience in Build and Release Engineer in **building, deploying, and releasing of code** in different environments.
- I worked in handling Support and **design tickets(Jira).**
- Have build **HTML** dashboards using python.
- Have modified **XML** files(pom.xml) using python.
- Used **GIT** to coordinate team development.

### TOOLS:

Jenkins, uDeploy, Service Now, Jira, Github, Jupyter Notebook

**ROLES:**

Responsible for development, testing, support and maintenance of EME's in cloud environment and to modernize the concept of data transformation using python.

**KEY WORKINGAREAS:**

- ETL developer as **Abinitio**, scripting(python and bash) and Oracle database.
- Migrating Abinitio code to **AWS Cloud environment**.
- Implementation of codes in **production environment**
- Support for common data formats (read from SQL databases, JSON files, CSV files, Yamlfiles)
- Used python scripts to update content in the database and manipulate files.
- Converted different Abinitio components to **python functions**.
- Usage of **python scripting and Pandas** library to build an ETL pipeline
- Application Testing Methodology, **DEV, QA, PREPROD, PROD** Processes.
- Creating simple ETL graphs using Abinitio
- **Python** to prepare automation scripts to export data from abinitio repositories to **GitHub**.

**TOOLS:**

Abinitio GDE, Service Now, Jupyter Notebook, Github , Control M , Arow

**KEY SKILLS:**

- **Python Scripting**  
(pandas, json, csv, xml, shutill, os, requests, datetime, re, subprocess, multiprocessing ,smtplib ,matplotlib etc)
- **Abinitio**
- **Jenkins**
- **Bash Scripting**
- **Git**
- **Udeploy**
- **Devops**
- **Docker**
- **Mongodb(shell,python)**

**ADDITIONAL SKILLS:**

- **Python Flask**
- **HTML**
- **Datastructures(linklist,stack,queue,graph,tree)**
- **DBMS**
- **C**
- **PL/SQL**

**EDUCATION :**

**2013 - 2017**

**BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY,**

Government College of Engineering and Textile Technology, Serampore

Percentage: **85.1 %**

**2010 - 2012**

**ICSE (10+2)**, STEPPING STONE MODEL SCHOOL

Percentage: **83.5 %**

**2010**

**ISC (10)**, STEPPING STONE MODEL SCHOOL

Percentage: **88%**

## **ACCOUNTABILITIES**

- Working in **Agile environment**, I ensured delivery of projects in a timely manner.
- Maintain in-depth knowledge of the business, processes, applications, information and data.
- Daily calls with onsite team to discuss changes in logic implementation and execution.
- Organise Knowledge transmission sessions on processes, defect fixes and improvements.
- Checkin and checkout of artifacts to and from repository using migration platform.
- Handled sensitive data using Tokenization and Detokenization of sensitive fields.

## **ACHEIVEMENTS**

- Received **AUTOMATION CHAMPION AWARD** and Client appreciations for exceptional work in python automation from **Capitalone** clients.