**ABHISEK ASHIRBAD SETHY**

**Email:** [abhisek.ashirbad.sethy@pdev.com](mailto:abhisek.ashirbad.sethy@pdev.com)

**Mobile:** +91 7829050058

**Designation:** Lead Application Developer (Senior Consultant)

**Total Work Experience:** 5 years 2 months

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**Website**: <https://abhisek-ashirbad.github.io/>

**About Me:**

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| --- | --- |
| **IT Experience** | **Years in OFSS** |
| 5 years 2 month | 2 months |

* I’m a software professional having more than 5 years of experience in banking and finance domain applications.
* Have a sound knowledge of FIX protocol, investment banking, Machine Learning, and related terminologies.
* Familiar with majority of the global stock exchanges (AMEX, NYSE, etc.) and financial regulatory firms such as FINRA, SEC.
* Having extensive experience in programming languages like Java and Python.
* Worked in multiple development teams.
* Ability to construct complex SQL queries using joins, views & conditionals to extract data from large database clusters.
* Ability to write PL\SQL procedures according to business requirements.
* Knows NoSQL (e.g: MongoDB) as well.
* Willingness to learn new technologies and process quickly as well as applying them in work effectively.
* Able to lead and collaborate business critical outages\issues.
* Worked in Big Data technology (Hadoop clusters, HDFS, Zookeeper, etc.).
* Done several automation in Unix for batch jobs monitoring and retrieval and skype automation using PowerShell and UCMA API.

**Academia:**

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| **Graduation** | |
| **Degree** | **Institute** |
| B.Tech (Computer Science Engineering) | Krupajal Engineering College, BPUT |

**Certifications:**

1. Developer Junior-1 (Process)
2. Agile Green Belt Certification
3. AutoSys Basic Certification
4. AWS certified ML
5. IBM certified Data Scientist and ML Developer
6. RTB ASM
7. ITSM-Associate Certification Exam
8. Foundation in ITRS Geneos

**Technical Skills:**

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| **Programming Languages** | Python, Java, Rust, C |
| **Web Technologies & frameworks** | Django, Spring Boot, Numpy, Pandas, JS, XML, HTML5, CSS3, JSON, YAML |
| **Databases** | Oracle, MySQL, Sybase, Mongo DB |
| **Middleware** | Tibco EMS, Kafka, Snaplogic |
| **OS** | Unix, Microsoft Windows |
| **Applications** | Ambari, Zookeeper, PyCharm, Anaconda, Informatica, MongoDB, Github, Eclipse, Docker, Jenkins, Slack, Atlassian Confluence, JIRA, TIDAL, WinSCP, Tectia SSH, ServiceNow, HPSM, QlikView, SnapLogic, Notepad++, AWS Glue, AWS Athena, AWS QuickSight, Jupyter Notebooks, TOAD client for Oracle, MS SQL Server Management Studio, Citrix Receiver, Citrix XenApp Desktop, ITRS Geneos Console, Tibco EMS, AutoSys, Apache Tomcat, UrbanCode Deploy\ UDeploy, DBVisualizer, MS Office, Citi Specific trading applications (CFORE, ARBOL, CitiSmart, COMET) |

**Domain Knowledge:**

1. Agile Methodologies (Scrum)
2. CI\CD Pipeline
3. SDLC
4. Design Patterns
5. Web Development using Django REST APIs
6. FIX Protocol
7. Equities Trade Lifecycle and Order management
8. Market Data & Feed Handlers
9. Regulatory bodies like : FINRA, SEC, MIFID \ MIFIR
10. Change Management, Incident Management and Release Management
11. Machine Learning using Neural Networks in Python.
12. Data Mining & Restoration.

**Career Summary:**

**HCL Technologies Ltd.:**

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| --- | --- |
| **Project** | Global Market Data and Exchange Connectivity |
| **Client** | Citibank |
| **Duration** | 3.5 years |
| **Technology** | Java, Python, Shell scripting, REST APIs, Web Development, Agile, RAD |
| **Role** | Application Developer\L4 |

**Description:**

GMD application for monitoring the Global Market Data fetched from Reuters, Bloomberg, etc. It is a web based application displaying the global market data with high sensitivity to change for Citibank customers. We have implemented several upgrades to the application during the enhancement phase for the application.

**Responsibilities:**

* Designing new web modules & REST APIs using Django framework for the FO (Front Office) & MO (Middle Office) applications.
* Attending weekly scrum meeting to review and plan the progress and future goals for the project.
* Assisting in developing and deploying enhancements for the applications.
* Writing test cases for unit testing.
* Configuring the new setup in ITRS dashboard.
* Configuring & monitoring job in Autosys.
* Handling application releases\upgrades through UDeploy.
* Process creation and adherence for software development.
* Investigating and replying to user queries (usually Citi traders and other app teams).
* Generating the trade reports for FINRA and SEC for auditing purposes.
* Documenting new issues and updating the old ones in knowledge portals.
* Communicating with business and exchanges for specifications and requirements.

**DXC Technology:**

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| --- | --- |
| **Project** | PointNext & Analytics |
| **Client** | HPE & MicroFocus |
| **Duration** | 1 year |
| **Technology** | AWS, Python, Shell scripting, Data Warehouse, Big Data, Agile, Lean |
| **Role** | Application Developer\Big Data Analyst |

**Description:**

Developing Morpheus, which is a web application responsible to trigger and release different jobs\events necessary for the daily data availability and data sterilization for the EDW. DIAL serves as the GUI & ETL tool for EDW. Rollups and file loading are the most common tasks that the DIAL is being used for.

Coding in Python, JS, JSON & Java for CI\CD pipelines.

The team basically provides major upgrades and other configuration changes for the smooth running of PointNext & Analytics applications. Analytics applications like EDW (Enterprise Data Warehouse) serves as the central data repository for all the financial data of the client. We act on business\user queries regarding the data quality and UC (Unique Constraint) errors on data from EDW.

Writing fully functional PL\SQL procedures and complex SQL queries with modelling new schemas according to business requirement.

Configuring Hadoop clusters and creating and deploying new Kafka consumers and topics for various applications. We provide BreakFix and SR (Service request) to L3 teams for fixing production issues.

Building Snaplex pipelines for different application flows in SnapLogic. And creating Workflows in Informatica PowerCenter.

**Responsibilities:**

* Attending weekly scrum meeting to review and plan the progress and future goals for the project.
* Assisting in developing and deploying enhancements for the applications.
* Writing test cases for unit testing.
* Creating data models based on data mining\analysis.
* Data cleansing and validation using Machine Learning and neural networks.
* Automating daily batch jobs using Python.

**Achievements & Awards:**

* **HCL Spot Award 2016** with souvenir for outstanding performance across the teams.
* **HCL LiveWire (Q4 2017)** with gift vouchers for excellent performance during the quarter.
* Multiple appreciation mails both from Citi and HCL management.
* Zero escalations and on time project submission/delivery.
* 2 times highest rating for appraisal. (EP – Exceptional Performance)

**VISA Validity: N\A**

**Abhisek Ashirbad Sethy**