

Snehal Lokhande

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EDUCATION

University of Cincinnati, Carl H. Lindner College of Business, Cincinnati, OH

Aug 2022 – Dec 2023

Master of Science in Information Systems, Minor: Data Analytics

GPA: 3.93/4.0

[Coursework: Statistical Computing, Data wrangling with R, Data Modelling, Data Analysis, Big Data Integration, Data Warehousing and BI, Data Visualization]

University of Pune, Pune India

May 2012

Bachelor of Engineering, Computer Engineering

SKILLS

- **Programming languages and Frameworks:** C, C++, Java, Python, R, Shell, HTML, CSS Bootstrap, C#, ASP.Net, JSON, REST API, TestNG, Rest-Assured, BDD (Ruby Cucumber), OAuth 2.0 (rest api)
- **Databases and QL:** MySQL, PostgreSQL, Snowflake, Oracle DB, Google Cloud SQL
- **Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Altair, BokehJS, Plotly, GGplot2, Scikit-learn
- **Tools and Infrastructure:** AWS, Azure, GCP, JIRA, UNIX Systems, Docker, Kubernetes, CA LISA (Service Virtualization), Tableau, Power BI, Maven, Gradle, Jenkins, TeamCity, Curl, Grafana, Git, BitBucket, SVN, MS Excel, Agile, Lucid Chart, MS Visio, Airflow

WORK EXPERIENCE

TIBCO Software Inc.

Nov 2016 – Jul 2022

Member of Technical Staff, QA [Products: SaaS, PaaS connectors | TIBCO HAWK Redtail | Jaspersoft | Log logic | TCI]

- Coordinated and collaborated globally with cross-functional team members to ensure successful new releases of on-premise and on-cloud products using **Agile** scrum methodology
- Designed and built statistical analysis **data models** on large data sets that helped improve the data model's complexity to reduce redundancy by 40%
- Employed strong analytical skills to conduct solution testing and perform easy log Ingestion, Extraction of client device logs to identify key metrics; developed business intelligence reports and dashboard in HAWK RT, **Jaspersoft**, driving effective business decisions for various customers
- Developed and enhanced test automation frameworks, increasing testing efficiency by over 40% using **Python**, **Golang**, and **Java** for on-premise and on-cloud products
- Delivered high-quality **SaaS & PaaS** connectors with 80% coherent development for **Snowflake**, **Oracle DB**, **Google Cloud SQL**, **SAP S/4 Hana**, and **Facebook**.
- Developed applications on containerization platforms and performed tests for microservice clusters in the **Hadoop** ecosystem

Wipro Technologies Ltd.

Jan 2013 – Nov 2016

Software Engineer, QA [Client: Insurance and Financial Services]

- Coordinated and collaborated with developers and product owners to stay current on product features and intended functionality following the onshore-offshore model and **Agile** methodology
- Created accurate and successful test scripts to manage automated testing of certain services and features
- Analyzed a 30% improvement in the reliability of services through rigorous efforts to improve quality through integration testing and modifications
- Applied problem-solving skills to identify and resolve bottlenecks in the application and automated services using **BDD**, **SQL** and **Selenium** tools for data accuracy verification for a UK-based health care insurance client, thereby reducing manual intervention by 60%
- Led cross-geography teams from Norfolk (UK) & the US; reviewed and ensured deliverables met quality standards, resulting in a 0% error rate

ACADEMIC PROJECTS

Product Purchase Trend Analysis [R and Python]

Nov 2022

- Performed **Exploratory Data Analysis** on large and complex data sets for product purchase and identified the potential growth area to drive optimization and increase revenue and profits using Pandas and NumPy
- Provided insights in the form of plots for products with negative purchase trends using packages such as **Seaborn**, **ggplot2**, **Matplotlib**, and **Plotly**

Rhythm [C# .Net | CSS Bootstrap | Azure]

Nov 2022

- Consumed **Spotify**, **YouTube**, and **Shazam** REST API for retrieving the songs recommendation and music suggestions to an end user for the Rhythm cloud web application
- Implemented **OAuth** using an *Authorization code for PKCE* for Spotify in the application for services to keep the application running without any hassle

Blue Box Rentals [MySQL]

Nov 2022

- Developed **Logical** and **Physical Data** models to implement a system to support operations that used a POS (point of sale) system
- Designed and implemented a comprehensive database system using **MySQL** after gathering requirements via data dictionary for blue box rentals to make a more competitive and economically feasible business

CERTIFICATION

- Certified Scrum Master – CSM | Udemy - AWS Certified Solution Architect- 2020