

Unmesha Suryakant Kupekar

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EXPERIENCE

Daiichi Sankyo, Inc., Business Intelligence and Data Analyst Intern, New Jersey, United States June 2023 - Present

- Provide support on business processes, conduct user acceptance testing, and review test scripts to validate data quality and project deliverables
- Capture stakeholder requirements to facilitate the agile project methodology with 2 weeks of sprint to ensure milestones set in project roadmap
- Proficient in using Azure Data Factory to create pipelines to extract, transform and load data from sources like SQL, Azure Blob storage etc.
- Designed data visualization dashboards and reports using PowerBI and Qlik for 10k users to track and analyze Data catalog from multiple sources.
- Achieved 90% efficiency improvement in enhancements and automation of day-to-day processes using SQL, Oracle, IICS Informatica and Tidal Automation to uncover business insights
- Collaborate cross-functionally to conduct data quality assessments, data profiling, and data cleansing to ensure data accuracy, completeness, and consistency across multiple data sources and adhoc reports using SQL scripts across 1000+ tables with Oracle.

HDFC BANK, Senior Business Analyst, Mumbai, India July 2019 - August 2022

- Led a team of 5 in the implementation of 30+ Banking projects using Agile sprint methodology during project planning, development, UAT/testing, and deployment within budget, with 95% of them passing all tests and meeting or exceeding acceptance criteria
- Analyzed large datasets using Python and SQL to generate recommendations that improved key metrics by 20% on average
- Created dashboards using Power BI and Tableau, reduced decision time by 30% and manual reporting by 40% for increased efficiency
- Influenced historical KPI analysis using VLOOKUPS and Pivot chart interactive visualizations that provide insights and facilitate data-driven decision
- Developed automated systems using RPA and Automata for 25+ Finance products with an aim to reduce manual intervention by 95%
- Coordinated with stakeholders, addressed issues and risks, maintained regular updates & achieved 98% on-time project delivery

FORT LOGICIEL LLP, DevOps Engineer, Mumbai, India May 2018 - May 2019

- Implemented Python APIs to optimize data updates and recoding, resulting in a significant 30% reduction in processing time
- Skilled in developing full-stack web applications, RESTful web services, Microservices using Java, JavaScript, Angular and React
- Designed the UI/UX for the organization's internal web application using both qualitative and quantitative data and carried out usability testing
- Conducted API and unit testing, wrote automation tests, and performed peer code reviews, enhancing product quality by 90%

TECHNICAL SKILLS

Programming Languages:	Python R Java React C C++ C#
Operating Systems/Database:	Windows Linux MacOS Ubuntu MySQL Postgres Oracle
Software/Tools:	Kubernetes JIRA MS Office Suite VS Code Postman WinSCP RESTful web services Microservices AngularJS node.js HTML CSS Bootstrap
Data Visualization/Big Data:	Decision Analysis Business Analytics Statistical & Predictive Analysis Probability Calculus Statistics Tableau MATLAB Power BI Hadoop
Data Manipulation:	Data Processing Machine Learning Clustering Data Mining Supervised & Unsupervised Learning models Data Mapping API Keys NetSuite ERP System Data Cleaning Data Modeling

ACADEMIC PROJECTS / PERSONAL PROJECTS

Motion Controlled Interactive games for physiotherapy patients May 2019

- Developed a game for physiotherapy patients using Python, MySQL, Arduino, and flex sensors to perform different sets of therapy exercises that will be mapped to HTML code and feedback will be given in the form of values and scores for doctors to understand the patient's progress.

Mental Health at Tech workplace Analysis in R Nov 2022

- Measured attitudes towards mental health and frequency of mental health disorders in the tech workplace, converting numerical data into numerical values, performed data cleaning and processing to conduct exploratory data analysis and build a baseline model using R language

Healthcare Management Database System Nov 2022

- Analyzed health information to develop database using MySQL Workbench & Excel, performed cleaning & processing data by running queries, created columns and relationships between attributes to sort and classify information about patients, providers, medications & appointments etc.

Web scraping using Python Dec 2022

- Analyzed and compared results of 5 different websites using Beautiful Soup

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems New York, United States

Master of Science (MS) in Information Systems

May 2024

University of Mumbai

Mumbai, India

Bachelor of Engineering (BE) in Computer Engineering

June 2016 - May 2019

AWARDS AND RECOGNITIONS

- Silver Star Award – HDFC Bank 2019 | ByteCamp Hackathon – SIES GST 2017 | SmartIndia National level Hackathon – 2018

EXTRA CURRICULAR ACTIVITIES / VOLUNTEER WORK

- Worked as an Educator for unprivileged children at an NGO and raised funds over \$10k for their education April 2020 - May 2022
- Media Head and Lead Cinematographer/Photographer of Student council at SIES Graduate School of Technology, India June 2017 - May 2019
- Cultural Head and Ladies Representative at DR. D. Y. Patil University, India June 2015 - May 2016

PUBLICATIONS

[Motion-controlled Interactive game to practice hand therapy exercises](#)

October 2020

Paper published at International Journal of Research and Analytical review