

EDUCATION

University of California, Irvine , Irvine, CA Master of Science in Business Analytics	08/2023
Savitribai Phule Pune University , Pune, India Bachelor of Technology: Computer Science Engineering	05/2021

TECHNICAL SKILLS

- **Data Analysis:** Python, R, SQL, Excel, Tableau, text mining tools, IBM SPSS, MS Office Suite
- **Data Management:** MySQL, Postgres SQL, MongoDB
- **Data governance:** Machine learning libraries, Statistical modeling techniques, A/B testing methodologies
- **Cloud Platforms:** Amazon Web Services, Microsoft Azure

PROFESSIONAL EXPERIENCE

Octane OC, Irvine, USA **01/2023 - Current**

Student Business Analyst -Apprenticeship

- Utilizing Python to process, clean, and model data, resulting in improved model accuracy for a start-up accelerator. Developed interactive dashboards and reports using Tableau and Bubble to communicate key business insights and opportunities for improvement.
- Streamlining extensive dataset management using Postgres SQL, ensuring efficient deployment and maintenance of data pipelines on AWS to optimize data processing. Foster a data-driven culture by collaborating with a team of five to promote the adoption of best practices and encourage knowledge sharing, resulting in increased productivity and innovation.

Emerson Export Engineering Centre, Pune, India **07/2021 - 06/2022**

Software Developer -Team Lead

- Resolved high-priority bugs/issues on live deployments for 3 major projects as a Scrum team member, achieving 99% customer satisfaction. Led daily stand-ups, sprint planning, retrospectives, and demos to ensure on-time delivery while working in an agile environment
- Optimized data serialization and client-server communication using flat buffers and CapnProto in SaaS implementation, resulting in a 50% reduction in data transfer time and a 40% reduction in data serialization time
- Applied various business models, resulting in a 60% increase in efficiency. Created and managed data using dashboards in Tableau and Power BI, resulting in a 35% increase in data insights and decision-making capabilities

Cymake Arishti, Pune, India **12/2020 - 02/2021**

Data Analyst Intern

- Maintained data integrity by cleaning and backing up data using SQL for 3+ projects during extraction, manipulation, and processing phases. Improved data integrity by recommending and implementing data standardization protocols for several projects resulting in a 95% reduction in data errors
- Carried out requirement analysis, created and presented interactive reports and dashboards to clients and teammates using BI tools, resulting in client satisfaction and collaboration

PROJECTS

Customer Segmentation for Mall Customers

- Utilized machine learning techniques in Python for business analysis to perform customer segmentation, resulting in a 15% increase in sales through targeted marketing campaigns

Inventory Demand Forecasting

- Implemented machine learning models in Python for inventory demand forecasting, resulting in a 25% reduction in stock-outs and improved supply chain efficiency

Stock Price Analysis

- Worked on a stock price analysis model using Python and machine learning techniques, utilized data visualization libraries such as Matplotlib and Seaborn to present findings

CERTIFICATIONS

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| • Data Science Associate, DataCamp | 04/2023 |
| • Data Analyst Professional, DataCamp | 02/2023 |
| • Data Science Team Lead Foundations Certificate, Data Science Process Alliance(DSPA) | 01/2023 |