

BAGESHRI ATUL SHRIGADIWAR

San Diego, CA | (619)-918-7613 | bshrigadiwar8749@sdsu.edu | [LinkedIn](#) | [GitHub](#)

Education

San Diego State University , San Diego, CA, US	May 2023
<i>Master of Science, Big Data Analytics</i>	
Coursework: Statistics and Probability, Data Management, Data Science, OOP in Business, Big Data tools and Methods	
Savitribai Phule Pune University , Pune, India	May 2017
<i>Bachelor of Engineering, Computer Engineering</i>	

Skills

Programming Languages: -	R, Python3, Java, C, C++, HTML5, PHP
Database Skills: -	SQL, MySQL, Oracle NoSQL Database
Tools and Utilities: -	Tableau, Jupyter, PyCharm, R studio, WinSCP, Excel, Swagger, Smart Bear SOAP UI, HP Application Lifecycle Management, Eclipse, VersionOne, JIRA, TestRail
Data Science/Statistics: -	Linear Regression, Logistic Regression, Clustering, Decision Trees, Principal Component Analysis, Boosting, Time Series Forecasting, NumPy, Pandas, Matplotlib, Seaborn, SciPy, Pytorch, Exploratory Data Analysis, Inferential statistics, Hypothesis Testing, Sentiment Analysis using TextBlob, WordCloud, Stemming, Lemmatizing
Other: -	Data Structure and Algorithms, Object-Oriented Programming, RDMS,
Personal Skills: -	Agile Methodology, Software Development Life Cycle Leadership, Innovative mindset, Conflict Resolution, Stakeholder Management

Professional Experience

Josh Software Inc Pune, India	Nov 2020 - Jun 2021
<i>Software Engineer, BidWheelz and Jocata ,India</i>	
<ul style="list-style-type: none">Coordinated two different domain projects single-handedly from scratch- Finance and E-commerce.Re-engineered time-consuming, error-prone manual processes by developing an automation framework in Python using PyCharm thereby improving the performance by 50%.Collated requirements from stakeholders, created test cases, and executed them using JIRA.Concentrated efforts to be receptive to the reviews and improvements in the processes.Interacted with business users and developers to diagnose critical issues and provided technical troubleshooting support.	
Accenture Services Pvt Ltd Pune, India	Sep 2017 - Aug 2020
<i>Test Engineering Analyst, Pittsburgh National Corporation Bank, USA</i>	
<ul style="list-style-type: none">Supervised a team of 3 testers under Agile SCRUM development.Worked collaboratively with business analysts and development teams for requirements, leading the project independently with minimal onshore support.Provided weekly reports to managers and team members using Tableau.Tracked defects to closure and ensured all testing results and defect repository are easily accessible, understandable, and documented using HP Application life management for every sprint.Performed automation in Selenium using Python in Eclipse which reduced the manual work by 50%.Analyzed RESTful APIs to debug backend for issues in service layer reducing downtime by 20% using Smart Bear Soap UI.Implemented thousand SQL queries a week using Oracle NoSQL Database Servers.	

Independent Projects

COVID19 Dashboard	Feb 2022
<ul style="list-style-type: none">Objective: To create data visualization dashboard for Covid-19 new cases and death cases in US.Solution: Created Streamlit Dashboard using Plotly libraries: Chrolopleth county wise map; Impacts of weekly new cases and deaths Line chart.	
Creditworthiness of Customers	Nov 2021
<ul style="list-style-type: none">Objective: To predict which customers will default on their loans based on their financial information.Solution: Implemented Adaboost and Gradient Boosting algorithm to check the accuracy score and achieved the objective.	
IMDb Movie Analysis	Oct 2020
<ul style="list-style-type: none">Objective: Worked on IMDB Movie dataset to identify which movies did well and their contributing factors.Solution: Leveraged the techniques for Exploratory Data Analysis like data manipulation, data cleaning using libraries NumPy and Pandas, and data visualization using matplotlib and seaborn to identify key features.	

Certification

International Institute of Information Technology , Bangalore, India	May 2021
<i>Post Graduate Certificate in Data Science</i>	

Achievement and Volunteering Experience

- Received **promotion within a year** and an "**ACE Award**" among a peer group of 20 members for exemplary performance and for identifying smart techniques in challenging situations in Accenture.
- Participated in fund raising **CSR (Corporate Social Responsibility)** activities at Accenture to aid the welfare of the community.