

Harshal Suryawanshi

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EDUCATION

California Polytechnic State University

San Luis Obispo, **California**

Master of Science in Business Analytics

Expected June 2023

- **Coursework:** Computing and Machine Learning, Econometrics for Data Analysis, Statistics, Data Management, Data Analytics and Mining for business, A/B test, Data visualization, Cloud Computing - AWS

Savitribai Phule Pune University

Pune, India

Bachelor of Engineering (Computer Science)

June 2015 – May 2019

- **Coursework:** Software design, and hardware-software integration involving many aspects of computing, from the design of individual microprocessors to Artificial Intelligence, Data Science and Machine Learning

TECHNICAL SKILLS

- **Machine Learning:** Regression, Cluster Analysis, Discriminant Analysis, Principal Component Analysis, Support Vector Machine, Tree-based Methods, Web scrapping, Neural Network
- **Analytical:** Probability, Statistical Modelling, Econometrics, Marketing Mix Modelling, Metrics & Conversion Analysis
- **Automation:** Robotic Process Automation, Python Automation, Excel - VBA scripting
- **Languages:** Python (Pandas, NumPy, Beautiful Soup, PyTorch, TensorFlow, Scikit-Learn, Keras), R (Tidymodels, Tidyverse, ggplot), SQL
- **Tools:** Automation Anywhere, Microsoft Power Automate, Microsoft PowerBi, Dialog Flow, Postman, Service now Rest API builder, AWS Cloud Services

WORK EXPERIENCE

Salesforce

San Francisco, CA

Data Science Consultant

Jan 2023 – Mar 2023

- Designed a **metric** balancing travel time and expenses to assess difficulty of travel to Salesforce offices from specific zip codes.
- Utilized **web scraping** and **modelling** to build a tool for event planners to select optimal meeting locations.
- Integrated relevant **APIs** to gather and **analyze data** on airport locations, flight times, average airfares and gas prices, hotel prices, and flight on-time averages, enhancing the accuracy and effectiveness of the developed tool.
- Developed an interactive **Tableau** dashboard to provide an on-demand travel difficulty metric for any subset of employees.

Zensar

Pune, India

Software Engineer

Sept 2019 – Jul 2022

- Delivered **20+ bots** with not more than **5%** of human intervention saving **~300+ FTE hours** on each developed process
- Contributed **10+ POCs** for sales and practice teams
- Automated cognitive solutions involving **PDF extraction, NLP, Predictive Analysis and Rest APIs**
- Delivered **AI** chatbots featuring **sentiment analysis** with Google Dialogflow.
- Bridging the gaps between technical specifications and customer requirements

LEADERSHIP EXPERIENCE

Zensar Technologies

Pune, India

Software Engineer

Oct 2021 – Jul 2022

- Leading the automation team throughout bot life cycle right from requirement gathering to post deployment hyper care
- Effectively communicate with a wide range of cross-functional partners, explain complex concepts to stakeholders
- Refine and drive projects to completion with minimal guidance, adapting to new learnings and changing contexts
- Communicate data-driven insights and recommendations to key partners

Team Garudashwa – Aeromodelling Club

Pune, India

Team Captain

Jun 2017 – May 2018

- Led the **Indian team** of 20 members to International Aeromodelling competition held by **SAE** in **Van Nuys, California**
- Headed a team of 8 members in **SAE ISS (Indian Southern Section)** Aero Design Challenge

ACHIEVEMENTS

- Invented Stimulus Reaction Chronograph which contributes to the field of Physiotherapy in Neuroscience, Physiotherapy in Sports, Community based rehabilitation for the geriatric population and Pediatrics. Currently filed for patent with **Patent Office Journal India** and **Copyright Office Government of India**