

Yash Salokhe

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EDUCATION

Masters in Data Science

May 2026

University of Arizona

Bachelor of Engineering - Computer Engineering

May 2022

Savitribai Phule Pune University (AISSMS Institute of Information Technology)
Pune

CGPA: 9.23

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, SQL, C#, R
- **Tools and Methodology:** Jupyter, Power BI, Tableau, JIRA, Bit Bucket, GitHub, Visual Studio, RStudio, Machine learning, Deep learning, NLP, Pytorch, Tensorflow, Hugging face
- **Libraries:** Scikit Learn, Seaborn, NLTK, Matplotlib

WORK EXPERIENCE

Data Scientist Intern, AI Variant

July 2023 – June 2024

- Developed an energy production forecasting machine learning model for a client, collaborating with a team of data scientists to deliver predictive insights to reduce downtime.
- Conducted data pre-processing, exploratory data analysis, and performed sentiment analysis.
- Employed statistical tools to identify, analyze, and interpret patterns and trends in complex data sets that could help with prediction.

Analyst, Tetrapak - Pune

August 2022 – May 2023

- Developed program for multiple formats of data ingestion, process flows in JIRA and BitBucket.
- Actively involved in Design and Development activities for ETL and product upgrades in SQL to increase efficiency of customer processes.
- Prepared final analysis reports with the help of data visualization tools such as PowerBI for the stakeholders to understand the data-analysis steps, enabling them to leverage the use of data to make important decisions based on various facts and trends.

Software Developer Intern, Coditas – Pune

January 2022 – June 2022

- Designed and developed real-time messaging web application using SignalR and ASP.NET core.
- Managed database schema changes, designed and tested models and APIs.

Web Developer Intern, DevAngles – Pune

September 2020 – December 2020

- Deployed web applications on Google Cloud Platform (GCP)
- Leveraged micro-service architecture to create robust and scalable web applications using Flask framework. designed and tested web application for data storage and data ingestion.

PROJECTS

Hotel Rating Classification

September 2023 – November 2023

- Objective: To determine the attributes that travelers consider while selecting hotels using NLP.
- Performed comprehensive preprocessing and EDA to guarantee precise results.
- Performed sentiment analysis using VaderSentiment and TF-IDF vectorizers to extract customer emotions from submitted reviews.

Soccer and Betting Analysis Dashboard

September 2024 – December 2024

- Objective: To uncover patterns such as the impact of weather on match results, and the relationship between pre-published betting odds and actual outcomes.
- Developed and deployed a Shiny app for interactive data visualization.
- Optimized design and workflow processes to enhance data analysis and insights generation.

Smart Accident Management System

September 2019 – January 2022

- Objective: To design a fully-functional accident management system to send emergency alerts.
- Assisted in data collection, pre-processing, and database management.
- Developed mathematical function for binary classification to detect accidents based on OBD data lines.

EXTRACURRICULAR ACTIVITIES

- Volunteer – Friend therapist, Jumping Minds June 2021 - August 2024
- Media Secretary, CESA, AISSMS IOIT August 2021 - April 2022
- Student Representative, CESA, AISSMS IOIT August 2020 - July 2021
- Member of Team who held seminar for underprivileged children Dec 2019