

Janhvi Goje

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EDUCATION

LUISS Guido Carli

Bachelor's in Management and Computer Science

Rome, Italy

Sept. 2022 - July 2025

Wockhardt Global School

IB Diploma Programme

Aurangabad, India

May 2020 - May 2022

Cambridge School

Indian Certificate of Secondary Education

Aurangabad, India

May 2010 - May 2020

PROJECTS

Software developer

Jan. 2021 – Sept. 2021

Stock Management and Billing system - Python

- Built a Stock management system that additionally functions as a billing system for the owner of a dairy retail shop.
- Implemented phpMyAdmin SQL database management through integrating update queries in Python code.
- Implemented concepts of simple recursion to fetch data to create data tables in software.
- Designed software through 'relief edges' to formalise the aesthetic and optimise the appeal of the software.

Data Analyst

Cryptocurrency Explorer and Market Analyser - Python

- Performed basic functions on the dataset such as *read*, *search*, *get_max_value* and *sort*.
- Compared several sorting algorithms and implemented QuickSort due to its efficient nature for the given dataset.
- Developed a function for finding correlation amongst the cryptos as per their price.
- Used Prim's Algorithm to develop an MST (Minimal Spanning Tree) through priority queue implementation.
- Combined the MST function with Breadth-First Search algorithmically to make a level-based search.
- Analysed time and space complexity of each function and used efficient methods of improvement in the former.

Finding the correlation coefficient between the Golden Ratio and Visual Aesthetics

- Created logos that differ in terms of the Golden ratio's consideration in Adobe Illustrator.
- Sampled a population using random sampling; verify the ratings to be directly proportional to the Golden ratio.
- Used Hypothesis testing to further optimise the result of the research.

Business Analyst

Jan. 2021 - Feb. 2022

Investigated the Introduction of Multi set-up unit as a method of optimising operations for Oralcare.co.in

- Sampled clients of the organisation to identify the loopholes in customer satisfaction.
- Evaluated the introduction of multi set-up unit through decision making, analysis tools; such as fishbone analysis.
- Made recommendations to well implement the change and avoid any set backs with a threat of financial loss.

Communications, editorial and marketing Director

Sept. 2021 - Nov. 2021

TEDxYouth@WockhardtGlobalSchool

- Handled the Social media platform of [@tedxwgs](https://www.tedxwgs.com/) by consistently posting engaging content.
- Enhanced event management through seeking and receiving positive response on sponsorship proposals.
- Communicated with TEDx speakers to schedule meetings and run throughs.

Published Researcher

July 2023 - Aug. 2023

Co-authored the Research titled Generational Dynamics in the Marketing Funnel published in IJNRD

- Sampled customers across different age groups for marketing data collection.
- Analysed this data in the context of different stages of the marketing funnel.
- Drew interesting insights on the correlation (and the intensity of these correlations) of age and their reception of different stages across the marketing funnel.
- Interpreted the correlation results in context of the business world, making suggestions on market segmentation and targeted advertising strategies.

KEY SKILLS

Programming: Java, Python, MySQL, CSS, Django, HTML, R, MATLAB.

Specialization Courses and Certification:

- **Google Data Analytics Professional Certificate:** Spreadsheet, Data Cleansing, Data Analysis, Data Visualisation (DataViz), Questioning, Decision making, Problem solving, Meta data, Data collection, Data ethics, Sample size determination.
- **Google Digital Marketing and E-Commerce Professional Certificate:** Marketing, E-Commerce, Display Advertising, Email Marketing, Search Engine Optimization (SEO).
- **Wayfair** Marketing Analysis Virtual Experience
- **TATA** Data Visualisation Virtual Experience
- **J.P.Morgan | Chase** Commercial Banking Virtual Experience
- **Celonis** Business Analyses

Languages: English, French, Hindi, Marathi.