

Jaishree Godge

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in <https://www.linkedin.com/jaishree-godge>

🐙 <https://github.com/jaishreegodge/Jaishree>

☎ 7058454745

📍 Pune



📄 CAREER OBJECTIVE

Utilization of knowledge of programming languages and analytical skills in a growth-oriented firm where I can use my knowledge to the advantage of the institution while having the scope to develop my own skills.

🎓 EDUCATION

2022 – 2023	Post Graduation Diploma in Data Science & AI Department of Technology, Savitribai Phule Pune University, Pune Sem I : 9.4 CGPA Sem II : 9.2 CGPA	Pune, India
2019 – 2022	B.Sc. Mathematics Padmashri Vikhe Patil College of Arts, Science and Commerce, Loni 9.75 CGPA	Loni, India
2018 – 2019	HSC Science Pravara Public School, Pravaranagar 75.53%	Loni, India
2016 – 2017	SSC Pravara Public School, Pravaranagar 90.60%	Loni, India

🏢 INTERNSHIP

Jul 2023 – present	Associate Software Developer Integrated Consultancy Services (ICS) Machine Learning Working on Python for web development. (Flask/Django)	Pune, India
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📁 PROJECTS

- 1) **Title: Differential Analysis of GPX Traces on Historical and Recent Satellite Imagery**
- **Image Comparison:** Developed a Python-based image comparison system using OpenCV and Rasterio libraries. This system effectively compared historical and recent satellite imagery to detect changes in land use over time.
 - **GPX Integration:** Integrated Global Positioning System (GPS) data in GPX format to precisely locate land claims. This allowed for accurate alignment of GPX traces with satellite imagery.
 - **Change Detection:** Implemented pixel-based change detection techniques to identify significant alterations in land use, aiding in the verification of historical claims.
 - **Geospatial Data Handling:** Utilized Rasterio for efficient geospatial data handling, including reading and writing geospatial raster data.
 - **Data Visualization:** Employed Matplotlib for data visualization, enabling the clear presentation of change detection results and land claim alignments.
 - **Social Impact:** Contributed to social justice and equitable land management by providing a tool that can support marginalized communities in securing their land rights.
- Technologies Used:**
- Python (OpenCV, Rasterio, Matplotlib)
 - Global Positioning System (GPS)
 - Satellite Imagery
 - GPX (GPS Exchange Format)
- 2) **Heart Disease Prediction**
- The objective was to guide a Health Club to take care of their clients' health using **Power BI**.
 - Used **ETL** transformation to transform the data

- Used **DAX** queries to fulfill the requirements
- Developed a dashboard to find meaningful insights

3) Health Insurance Premium Prediction

- The objective was to predict the health insurance premium amount for an insurance company using **Machine Learning** algorithm.
- Decision Tree, Random Forest and Linear Regression were the algorithms used.
- Random Forest was chosen to be the best algorithm to predict the amount.



COURSES

1 Month

SQL and Relational Database
Cognitive class (IBM)

4 Weeks

NPTEL (Python for Data Science)
Swayam



CERTIFICATES

SQL and Relational Database
Cognitive class (IBM)

NCC 'C' Certificate with 'A' grade

MTTS 2021
(Mathematics Training & Talent Search)
Level O



SKILLS

Python Programming

NumPy | Pandas | SciPy | Seaborn | Matplotlib

Python Flask / Django

Development

MS Power BI

Power Query | Power Pivot | DAX Functions | Power View |
Power Map | Visualization | Dashboard | Functions

Database Management System (MySQL)

DDL | DML | DRL | DCL | Clauses | Constraints | Aggregate
Functions | Joins | Views

R Programming

Data Structures | Data Manipulation | Data Visualization

MongoDB

Database Design and Modeling | Data Migration and ETL |
Documentation

MS Excel

Data Analysis

Machine Learning



EXTRA CO-CURRICULAR ACTIVITIES

Volunteered in G20

4th EDWG & EDUCATION MINISTER'S MEETING (19th - 22nd June, 2023) | Pune, Maharashtra

Role : Liaisoning Officer (LO) for South Korean Delegations.



PERSONAL INFORMATION

Profile

Miss. Jaishree Suresh Godge

DOB : 28/12/2000

Indian

Local Address : Aundhgaon, 411007 Pune

Residential Address: A/p - Ashvi bk.,

Tal : Sangamner, Dist: Ahmednagar ,
413714

Hobbies

Dance (Bharatnattyam) | Drawing
(Mandala Art)

Languages known

English | Hindi | Marathi



DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Jaishree Godge
Pune