

# YOGIN LANGALIA

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## Education

### Dwarkadas J Sanghvi College of Engineering, Mumbai

- B.Tech in Information Technology with Honours in DevOps | CGPA: **8.5**

**2024 - 2028**

(expected)

### Indian Institute of Technology, Madras (IITM)

- *BS Degree in Data Science (Online), Foundation*

**2025 - 2029**

(expected)

### Swami Vivekanand International School & Jr. College, Mumbai

- *ICSE(Class X), HSC(Class XII)*

**2010 - 2024**

## Skills

C++ | C | Java | Python | Pandas | Matplotlib | Seaborn | Supervised Machine Learning | Linear & Logical Regression | Streamlit  
| MongoDB | MySQL | Github

## Projects

### Real Estate Price Prediction [\[LIVE APP\]](#) [\[GITHUB\]](#)

**Dec'25**

Python | Pandas | Scikit-Learn | Streamlit

- Developed an end-to-end Machine Learning pipeline to predict Mumbai property prices with **84% accuracy ( $R^2$ )**, outperforming baseline models by implementing **Ridge Regression**.
- Engineered a robust preprocessing system using **Scikit-Learn Pipelines**, utilizing **One-Hot Encoding** to handle high-cardinality location data (300+ regions) and **StandardScaler** to normalize features.
- Deployed a user-friendly web application using **Streamlit** and **GitHub Actions**, reducing inference time to <200ms and enabling real-time interactive valuation for users.

## Certifications

### Supervised Machine Learning | Coursera/Stanford - [LINK](#)

**Nov'25**

- Built a strong foundation in core ML algorithms (Linear/Logistic Regression), model evaluation, Cost Functions, Gradient Descent, Regularization, and practical model implementation using Python.

## Academic and Extracurricular Achievements

- **Volunteering** - Active BAPS Volunteer from 2020 - Children's Activity (Event Coordination)
- **Blood Donation Camp** - Planned and organized the event from scratch, managed logistics and coordination, ensuring smooth execution
- **Languages** - English, Hindi, Gujarati, Marathi
- **DJS CodeStars** - Marketing Co-Committee Member (Since Oct'25)

## Technical Profiles

- LeetCode - [LINK](#)
- CodeChef - [LINK](#)
- CodeForces - [LINK](#)
- GitHub - [LINK](#)
- LinkedIn - [LINK](#)