

# PAARTH DOSHI

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## Education

**Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University**

**June 2021 – May 2025**

*B. Tech in Computer Science with Business Systems, CGPA: 8.2/10*

*Navi Mumbai, India*

**CKT Jr Science College**

**June 2019 – Aug 2021**

*PCM + Eng with bifocal computer science, Percentage: 85.83%*

*Panvel, India*

**VPM IAM International School [ICSE]**

**March 2019**

*10th Grade, Elective subject computer applications, Percentage: 81%*

*Navi Mumbai, India*

## Technical Skills & Certifications

**Languages:** Python, SQL, Java

**Analytical Tools:** Power BI, Online Tableau

**Software:** Jupyter Notebook, JIRA, Visual Studio, Blue J, Eclipse Neon, Bootstrap

**Database:** MySQL, Snowflake

**Core Competencies:**

Treasurer, IETE SF 25

Editor-in-chief, Google DSC 24

Public Relations Officer, E-CELL 24

Research Team Leader, CSI 23

**ETLHive (ISO 9001:2015 certified), Pune:**

Internship Certificate

**HackerRank:** SQL (Basic, Intermediate, Advanced), Python

**Harvard Business School:** Business Analytics eDiploma

**Other Certifications:**

PowerBI, Online Tableau,

Data Science with Python, Data Analytics.

**Computer Society of India:** Internship Certificate

## Internships

**ETLHive Internship**

**Nov 2023 – May 2024**

*Data Scientist Intern*

*Pune, India*

- **HealthCare Project** - Utilized **SQL** for in-depth analysis of **healthcare datasets**. Identified key health trends and patterns through **data aggregation** and advanced **query techniques**.
- **Loan Dataset Project** - Analyzed **loan datasets** to identify risk factors and predict loan approval statuses. Created predictive models using various machine learning techniques to assist in loan decision-making. Used **Python** and **Jupyter Notebooks** to perform **data cleaning, transformation, and analysis**.

**IDBI Bank CSI Winter Internship**

**Dec 2022 – Jan 2023**

*Data Analyst Intern*

*Navi Mumbai, India*

- Conducted an in-depth **textual analysis of books**. Utilized **natural language processing (NLP)** techniques to analyze character interactions, themes, and sentiment.
- Used **Python** and **Google Colab** for the analysis.

## Projects

**House Price Prediction, Data Science**

**Jan 2024 – Feb 2024**

- Goal: Predict house sales prices. Involved reading the training CSV file and data preprocessing using **Python**.
- Predicted on the sample set and evaluated the model using metrics such as **MSE, RMSE, MAE, and R2**.

**Breast Cancer Analysis, Data Science**

**June 2023 – Nov 2023**

- Aimed to develop a model capable of accurately **diagnosing breast cancer from medical images**.
- Utilized handcrafted features, convolutional neural networks (CNN), and other **ML and DL techniques**.
- Trained on **datasets** provided by **Wisconsin Lab and MIAS-ROI**. Implemented using **Python**.

**The Tailored, Web development and SDE**

**Feb 2023 – April 2023**

- Creating a website for a tailoring shop.
- SRS (Software Requirements Specification), Grantt Chart, RMMM (Risk Mitigation, Monitoring, and Management)
- Technologies such as Bootstrap, CSS, and HTML were used to design the website.

**Face Mask Detection, Image Processing and Pattern Recognition**

**Feb 2022 – May 2022**

- Developed a model to detect face mask usage in images. Involved collecting and preprocessing image data.
- Utilized Python libraries such as **TensorFlow** and **Keras** for model building and training.
- Deployed the model to **predict mask usage in real-time scenarios**.

## Hobbies

Swimming, Table Tennis, Reading, Sketching