

# PARTH PIDADI

+91-9503467352 | [pidadiparth@gmail.com](mailto:pidadiparth@gmail.com) | [linkedin.com/in/parthpidadi](https://www.linkedin.com/in/parthpidadi) | [github.com/Parth-Pidadi](https://github.com/Parth-Pidadi)

## EDUCATION

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### Savitribai Phule Pune University

Pune, MH (2019–2023)

- *MES Wadia College of Engineering* - Bachelors of Engineering (Computer Engineering)
- *Honors in Artificial Intelligence & Machine Learning*
- **Related Coursework** Python Programming, Business Analytic, AIML, Deep Learning, Database Management, High-Performance Computing, Object Oriented Programming, Data Science and Big Data Analytics
- **Cumulative GPA** :9.34/10

## WORK EXPERIENCE

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### PwC Virtual Intern

Forage

Remote (Sept 2023 - present)

- Conducted comprehensive data analysis and visualization tasks using the Call Centre dataset, transforming raw data into actionable insights with Power BI
- Optimizing data queries and automated reporting processes to enhance workflow efficiency.

### Pratyn Infotech

Intern

Pune, MH (Dec 2021 - Feb 2022)

- Implemented a system for employee leave management, where the employee and the organization both can keep track of employees' leaves
- Utilized technologies such as Node.js, NoSQL, and Bootstrap for the development of the website and passport.js for authentication purposes

## PROJECTS AND PUBLICATION

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### Automatic Number Plate Recognition System for Motorcyclist Riding without Helmet

(Sept 2022 - April 2023)

- Led a group of four peers to develop a YOLOv8 similar model to catch the biking culprits.
- Designed a GUI using JavaBeans to authenticate users & to feed the model a video or to input live camera feed. When fed, the model detects number plates of motorcyclists violating helmet rule & stores the registration number in the database in the form of characters with the help of OCR
- Improved the model's accuracy for low-light images. With a lot of training and testing, the accuracy of the model was found to be 95.5%

### Airplane Reservation System

(March 2022 - June 2022 )

- Designed and developed an airplane reservation system using Python and Django for the back end and HTML, CSS, and JavaScript for the front end
- Used database systems like PostgreSQL to efficiently store and manage flight information while integrating secure payment gateways like Stripe for seamless online transactions.
- Implemented REST-APIs for flight status updates and email notifications, enhancing user experience and communication

### Olympics Dataset Visualisation using Power BI

(August 2023)

- Imported the Olympics 105 years dataset, then performed pre-processing steps such as data cleaning, removing redundancy, and data imputation.
- Created a dashboard on Power BI that visualized medals won by different countries in different sports

### A review on applications of computer vision

(Dec 2022)

#### Springer

- Got a review paper published on the applications of computer vision in various domains such as astronomy, the food industry, medical science, and autonomous vehicles in the Springer Journal

## CERTIFICATIONS

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**Machine Learning** Stanford Online

**Neural networks and DeepLearning** from DeepLearning.AI

**Data Science:** IBM Professional Data Science

## ABOUT ME

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**Technical Skills** Python, Java, R, Power BI, MySQL, Excel, Google Big Query, Tensorflow, Scikit-learn, Keras, XML