

# PARTH DARANDALE

## GENERAL INFO

Computer Engineering student focused on AI systems, backend development, and real-world software solutions.

## SKILLS

Programming

- Python, C++

AI / Data

- LLM modeling, ANN, Autoencoders, Time-series forecasting

Backend & Systems

- Python backend development, API logic, database handling

Tools

- Git, GitHub, deployment workflows

Business / Ops

- Project management, digital marketing

## CONTACT INFO

Ph. No -.9699244402

Email - parthdarandale5@gmail.com

LinkedIn - [www.linkedin.com/in/parth-darandale](https://www.linkedin.com/in/parth-darandale)

GitHub - <https://github.com/parth-darandale>

Codolio-  
<https://codolio.com/profile/ParthD>

## EDUCATION

BTech Computer Engg(2023-2027),  
Pimpri Chinchwad College of  
Engineering, Akurdi  
Current CGPA - 8.35

XII Class(2023)(94.2%),  
City Pride School, Nigdi

X Class(2021)(98.2%),  
Beacon High School, Moshi

## EXPERIENCE

**Data Science and Analytics Intern**  
**15/6/2025 - 15/7/2025**  
**Zidio Development**

Built a stock market time-series forecasting model using LSTM, including preprocessing, sequence generation, and performance evaluation on historical data.

**Operations manager**  
**1/8/2024 - 1/6/2025**  
**Petals Fab**

Launched a part-time business manufacturing eco-friendly bags targeting institutional buyers.

## ACCOMPLISHMENTS

**Reliance Foundation Scholar**  
**8/2023-Present**

- Participated in exclusive events focused on skill development, innovation, and professional networking.
- Awarded a yearly stipend to support academic and personal growth.

# PARTH DARANDALE

---

## PROJECTS

### Timetable Scheduler Algorithm

- Wrote a survey paper analyzing different timetable scheduling and optimization techniques.
- Implemented a constraint-programming-based timetable solver in Python to generate clash-free academic schedules.

### Bus Tracking App

- Developed an application to track real-time bus locations and estimate arrival time, availability, and optimal routes for users.
- Implemented location data processing and route-based ETA logic to improve commuter decision-making.

### GenAI personal avatar

- Applied fine-tuning techniques in Generative AI after attending a hands-on training workshop.
- Built a personalized AI avatar model demonstrating customized identity generation and prompt-driven outputs.

### ANN Movie Rating Prediction Model

- Developed an ANN-based regression model to predict movie ratings, including data preprocessing and feature preparation.
- Applied hyperparameter tuning and early stopping to improve generalization and control overfitting during training.

### Subtitle Censoring Algorithm

- Developed a text-processing tool to detect and censor predefined sensitive words in subtitle files.
- Implemented string matching and pattern-based filtering logic for automated content moderation.

### Image Compression Autoencoder Model

- Designed and trained a deep autoencoder model to achieve image compression through latent-space dimensionality reduction.
- Evaluated reconstruction quality and compression efficiency to demonstrate effective storage reduction with minimal visual loss.