

# Samarth Vilas Patil

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**Location:** Panvel, India

## Summary:

Dedicated and innovative software developer with a strong foundation in software development, web and app development. Proficient in Java, Python, Django, PowerBI, and Tableau, with hands-on experience in creating user-friendly and data-driven solutions. Passionate about software development, data analysis, data science, and actively seeking opportunities to leverage my skills in a dynamic work environment.

## Education

- **Pillai College of Engineering, Mumbai University** **Aug 2021 – May 2025**  
BTech in Information Technology Engineering **CGPA:8.85/10**
- **Class XII (Feb 2021) HSC - 72.50%**
- **Class X (Mar 2019) SSC - 77.20%**

## CERTIFICATIONS

- Certification on **the complete Web development Bootcamp** - Udemy
- Certification on **Flutter and Dart the complete Guide** - Udemy
- Certification on **Python Data Science** - FirstBit Solutions

## PROJECTS

- **DIET PREDICTION WEBSITE:** **TE-SEM-5(July-November 2023)**
  1. It is a web-based **machine learning** platform developed using **Django** as the backend framework, alongside Python libraries such as **Matplotlib**, **Sklearn**, **Pandas**, and **ML Alphabets**.
  2. The project aims to determine the required calorie intake and offer a tailored diet plan based on this calculation. It also has other features such as BMI calculator, Calorie count calculator nutrients chart that can be graphically visualize.
  3. The plan can be filter based on various components such as protein, carbohydrates, potassium, Sulphur and more.
- **DIGILIB:** **SE-SEM-4(January-April 2023)**
  1. The project is a website designed to offer users free access to a wide range of books while providing personalized recommendations using **machine learning**.
  2. The project is built on **MySQL** for database management, **Django** for backend development, and **HTML/CSS** for the frontend.
  3. The platform aims to enrich readers' enjoyment by delivering tailored book suggestions. Its primary goal is to create a positive reading experience through curated recommendations based on user preferences and behavior.
- **UrbanCommute:** **SE-SEM-3(July-November 2022)**
  1. The project an application developed using **Flutter**, ensuring a robust cross-platform application experience, and utilizes **Firebase** as its backend database for real-time data management.
  2. It serves to simplify access to transportation information, including details on buses, trains, and taxis, empowering users to plan their trips directly within the app.
  3. The application not only provides users with options for finding the cheapest and fastest routes to their destinations but also integrates seamlessly with **Google Maps** for navigation and route visualization. This integration enhances the user experience by offering comprehensive travel planning tools in a single platform.

## ADDITIONAL INFORMATION

- **Programming Languages:** Java – Intermediate
  - Oops in java - intermediate
  - Python - Intermediate
  - C/C++ - Intermediate
  - MYSQL, MongoDB - Beginner
- **Other Technologies Known:** HTML, CSS - Intermediate
  - Django - Beginner
  - PowerBI, Tableau - Intermediate
  - Artificial Intelligence, Machine learning, JavaScript, PHP, ChatGPT
- **Skills:** Software development, Project Management, Communication, Leadership, Reporting, Quick Learner

## HOBBIES

- Project Developing
- Learning new technologies
- Solving coding questions
- Reading articles/Research Paper on upcoming technologies
- Sports – Cricket, Chess, Badminton
- Travelling