

Bhavin Marthak

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GitHub Profile LinkedIn Profile

EXPERIENCE

• Tops Technology

July 2024 - December 2023

Backend Development Associate

On site

- Developed and maintained APIs for Web Applications using **Django REST Framework** and related technologies.
- Participated in code reviews and provided constructive feedback to other developers.
- Learnt about Database Management with MySQL and got the insights about deployment of a website and repository management

PERSONAL PROJECTS

•E-Commerce Web Application | Source Code

Technologies: Python • Django • Ajax • Stripe • Bootstrap

- Store app: Implemented product display, filtering, and product detail page.
- Basket app: Enabled product management using Ajax for updates without refreshing the page.
- Custom user model: Implemented token authentication, password reset and session handling.
- Payment app: Integrated Stripe for secure order processing.

• Chat-Room Web Application | Source Code

Technologies: Python • Django • Django Rest Framework

- Features include user registration,login & authentication using Django Authentication ,users can create and join rooms for topic discussions.
- Built Model classes,CRUD operations for users, rooms, messages. created API's using Django REST framework.User can build & interact in many rooms at once via text messages.

• Air Canvas | Source Code

Technologies: Python, Computer Vision and Image processing

- A Virtual canvas for contact-less drawing using our hand in front of the camera.
- I have used opencv python library cv2 mediapipe for hand detection.
- Drawing is done by creating mask of finger marker on-board image in each successive frame using some image processing.

TECHNICAL SKILLS

Languages: Proficient in C++, Python

Web Dev Tools: Git, Github

Frameworks: Django,Django REST Framework

Databases: MySQL

Relevant Coursework: Data Structures & Algorithms, Operating System, Object-Oriented Programming, Database Management System, Computer Networks

EDUCATION

•Indus University, Ahmedabad

2021 - 2025

B.Tech, Computer Engineering

7.2

•Dev International School, Junagadh

2020 - 2021

12th GSEB

60.5%

•Nobel High School, Junagadh

2017 - 2018

10th GSEB

84.5%