

# PRATIK THAKARE

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Portfolio | GitHub | LinkedIn | LeetCode

## EDUCATION

### Thadomal Shahani Engineering College

Bachelors in Computer Engineering

CGPA: 9.13

Mumbai, India

January 2021 - May 2023

### Babasaheb Gawde Institute of Technology

Diploma in Computer Technology

Percentage: 94.80%

Mumbai, India

September 2017 - November 2020

## EXPERIENCE

### The Homework App | DevOps Intern

Remote | Jul 2022 - Aug 2022

- Improved CI/CD pipelines by **55.55%** in build speed and **45%** in build size
- Created **Slack command** for the intermediate builds
- Developed **containerised development environments** and **k6** for performance testing
- Designed and implemented aggregated logging module for **enhanced system observability**

### Devomark | Full Stack Developer

Mumbai, India | May 2019 - Jan 2021

- Designed, developed, and integrated APIs for a **Lead Management System (LMS)**
- Contributed to the development of a **doctor's dashboard** for an IoT and computer vision pill dispenser project that aimed to aid Alzheimer's patients
- Created a **data visualisation analytics dashboard** for a port that used computer vision to track all the entities such as trucks, containers, etc.
- Designed and developed a **database**, an **API**, and integrated 3rd party services for a logistics product's **CRM**, **online contract**, and **Mapbox**, among other things

## SKILLS

Programming Languages:	JavaScript, Python, CSS/SCSS, Shell, Typescript, C, C++, HTML
Libraries/Frameworks:	Express, FastAPI, ReactJS, Django, Flask
Tools / Platforms:	Git, AWS, Docker, Nginx, Graylog
Databases:	MySQL, PostgreSQL, MongoDB, Redis

## PROJECTS / OPEN-SOURCE

### To-Do Lite | Link

C++, Oatpp, Cmake, PostgreSQL, Docker

- Programmed a **light-weight** to-do REST API following the **OpenAPI 3.0 specification**
- The application is capable of performing CRUD functionalities on to-do objects
- Continuation of the initiative taken by my team at a hackathon

### Blockchain Middleware Voting | Link

Ethereum, Python, Docker, Truffle Suite, Solidity

- Remodelled blockchain-based voting systems that can be seamlessly integrated into any applications with the aid of **middleware**
- To facilitate developers' use of blockchain in their application, the middleware serves as an **abstraction layer over the blockchain**
- Designed a REST API server that serves as the middleware and interacts with the blockchain via **smart contracts**

### Tokike | Link

Python, MySQL, Django, ReactJS, AWS, Nginx

- Collaborated with the team to design and develop the APIs for the store-front and the admin dashboard
- Developed the admin dashboard, which also worked as a **Content Management System (CMS)** for the store-front. Integrated all the systems by utilising **REST methodology**
- Worked on the project from October 2020 to March 2021

## CERTIFICATIONS

- Google IT Support Specialization - **Coursera**
- The Bits and Bytes of Computer Networking - **Coursera**

## PUBLICATIONS

- Multi Design - Pattern React Application with Django Backend - **IRJET**