

Jiyan Patil

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EDUCATION

Vishwakarma Institute of Technology

Bachelors Of Technology in Computer Engineering

Pune, India

Aug 2022 – May 2025

Government Polytechnic Pune

Diploma in Computer Engineering

Pune, India

Aug. 2019 – May 2022

EXPERIENCE

Engineering Intern

Jan 2022 – Jan 2023

Talium

Remote

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Tested 30+ API into the website, including fetching various patient details, adding patient, removing , applying coupons, listing coupons, and product review.
- Worked on Athena health care APIs add some relevant in this line
- Stack : ReactJS, NodeJS, AzureDevops, Docker, Git

PROJECTS

Inventory App | FastAPI, Redis-Streams, React

Oct-2022

- The Inventory and Payments app is composed of two microservices that work together seamlessly.
- In the event of a cancelled payment, the inventory service automatically restores the items back to inventory.
- The app utilizes FastAPI and Redis-Streams for efficient and reliable communication between the services.
- The React-based frontend provides a user-friendly interface for managing inventory and payments.

Social Media Backend | FastAPI, SQLAlchemy, PostgreSQL, Heroku

Dec 2022

- Developed a high-performance Social Media Backend using FastAPI for fast and efficient API development.
- Utilized SQLAlchemy for easy integration with PostgreSQL for efficient data storage and retrieval.
- Conducted extensive testing using Pytest for efficient and comprehensive testing of the application.
- Containerized the application using Docker and deployed it to Heroku for easy scalability and accessibility.

URL Shortner | Nodejs, MongoDB, Mongoose,

Jan 2023

- Created a URL shortener using Go-fiber for high-performance web routing.
- Utilized Redis for efficient storage and retrieval of shortened URLs.
- Containerized the app using Docker for easy deployment and scalability.
- Implemented analytics and tracking features to monitor the usage and performance of the URL shortener.

Image Size Extractor - Docker Extension | Docker, Typescript, Docker Compose

Oct 2022

- Developed a Docker extension using React, TypeScript, and Docker to display layer sizes in Docker Desktop.
- Created a user-friendly interface for inputting username and image selection.
- Seamlessly integrated the extension with Docker and Docker Compose.
- Utilized Docker API and TypeScript to accurately calculate and present layer sizes for optimization.

TECHNICAL SKILLS

Languages: Javascript, Python, Java

Frameworks: FastAPI, ReactJs/NextJs, Nodejs, JamStack, FarmStack, Flask, Django, Jest, Pytest

Libraries: Pandas, NumPy, Matplotlib, Sci-kit learn, Seaborn

Databases: PostgreSQL, MySQL, SQLite, RedisJson, MongoDB.

VCS: Git, Github, Gitlab, GitBucket SQLite, RedisJson, MongoDB.

Containerization: Docker

Deployment: Vercel, Netify, Heroku

OTHERS

Docker - Extension Got selected in Top 20 by Docker