

Gautam Patil

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- gautampatil.tech

- github.com/GautamPatil1

Experience

Junior Backend Developer (Internship)

12/2022-05/2023

VRL Travels | Belgaum

- Created a static JSON API with Django Rest Framework for redundant data, resulting in a 40% reduction in server response time and improved overall system performance.
- Architected and implemented a streamlined CI/CD pipeline leveraging Docker and AWS CodePipeline; accelerated ticket booking server deployment by 50% and reduced production bugs by 25% within the first three months.
- Implemented CI/CD pipeline monitoring, bolstering performance and integration integrity.

Education & Certifications

BTech Computer Science Engineering - 8.85 CGPA | G.H Raisoni College of Engineering Pune - **8.83 CGPA** 2021 - Present

Honors in Artificial Intelligence and Machine Learning - 9 CGPA

HSC 12th CBSE | Lexicon International School Pune - **94%** 08/2019 - 2021

[Full Stack Development](#) University of Helsinki, Finland - 2nd Grade Issued 08/2023

[MongoDB Nodejs Developer](#) MongoDB University Issued 01/2024

[Linux Essentials](#) CISCO Networking Academy Issued 01/2023

[Computing with Python](#) Freecodecamp.org - 300+ work hours Issued 07/2022

Skills

Code: Django | React | Python | NodeJs | HTML5 | CSS3 | Javascript | FastAPI

Tools: Docker | AWS | Google Cloud | Shell | Github Actions | MongoDB | PostgreSQL | Terraform | Ansible

Soft: Communication | Teamwork | Problem-solving | Time Management | Adaptability | Attention to Detail

Projects

TYMaterials | <https://tymaterials.live>

React, Firebase, MaterialUI, Docker, GCP

- Digital Notes for Third Year students of GHRCE Pune Students extracted from 10+ websites.
- 10000+ views, 1000+ active users per month on the website.
- Designed a modern UI using ReactJs & Material UI principles.
- Deployed on Google Cloud Compute Engine using GitHub Actions for CI/CD. Dockerized React app to ensure consistent, portable, and isolated deployment across diverse environments

LofiPomo | <https://lofipomo.gautampatil.tech>

MERN, Auth0, Docker, Github Actions, Terraform, Ansible

- Developed a Full stack MERN Web App, LofiPomo: A Productivity Dashboard.
- Built with React, Express, MongoDB, and Node, it has multiple Productivity features such as a Todo List, Note-taking, Pomodoro Timer, and a 24/7 Lofi Audio stream.
- 1000+ views, 100+ active users per month on web app/website.
- Fully automated using various DevOps tools such as Terraform, ansible, and GitHub actions for CI/CD launched on an AWS EC2 Instance.

EBikeStore | <https://ebikestore.tech>

React, Django, DRF, beautifulsoup, selenium, PostgreSQL

- The EBikeStore is a comprehensive web platform designed to provide users with information about electric bikes and scooters available in India.
- Dynamic Database (500+ vehicles) with regularly updated electric two-wheeler information.
- Fabricated using Django, ReactJS, Docker, and AWS for hosting.
- Data about bikes scraped from multiple sites with the help of Python (beautifulsoup, selenium, etc.)

PictoPixie | <https://gautampatil1.github.io/pictopixie>

React, FastAPI, MongoDB, Python, GeminiAI API, Auth0

- Manufactured pictopixie website to solve question bank solutions and automate my personal website tasks.
- Created website using MERN Stack and used Google's Gemini AI API.
- Integrated Generative AI in the Backend with Python 10.8 with FastAPI in pip virtual environment.
- Used Camera API to take pictures and use real-time chatting with AI for better communication and understanding.