

JENISH DHOLARIYA

+91 9081826363

✉ jenish.soft.dev@gmail.com

🌐 [Linkedin/jenish-dholariya](https://www.linkedin.com/in/jenish-dholariya)

🐙 [github/jenish2](https://github.com/jenish2)

Technical Skills

Languages : Python, JAVA, JavaScript

Technologies : Django, Django Rest FrameWork, FastApi, Flask, Pytest, React, Pandas, Numpy, SQLAlchemy, WSGI, Nginx, Jenkins, AWS, Docker

Database : MSSQL, MYSQL, PostgreSQL, MongoDB

Tools : Git, BitBucket, GitHub, JIRA, VSCode, PyCharm

Experience

ELLKAY

Jun 2023 – Present

Software Engineer

Remote

- Developed **RESTful APIs** using **FastAPI** to predict patients' future health parameters with regression-based **ML models**. Visualized predictions through dynamic charts for actionable healthcare insights.
- Architected and implemented a scalable Rule Engine in **Python**(Django based RestAPI) for an EMPI solution to ensure accurate patient matching across organizations. Developed matching algorithms and leveraged **Celery** for background processing and distributed computing, accelerating match processing by 30%.
- Integrated multiple data sources into a unified information system and optimized **SQL** queries and stored procedures, improving data retrieval performance by 25%.
- Developed strong proficiency in analyzing and debugging Python code, focusing on failed test cases and bug resolution to ensure application stability and quality.

Crest Data Systems

Dec 2021 – May 2023

Software Engineer

Ahmedabad, Gujarat

- Architected and Developed a timesheet automation system using **Django REST Framework** and **ReactJS**, cutting manual tasks by 30% and increasing compliance by 20%. Delivered end-to-end features in an **Agile** environment, including back-end APIs and front-end components with real-time notifications.
- Automated test workflows for Splunk and SignalFx using **Python (Pytest, Selenium, AWS EC2)**, reducing manual testing and improving code deployment cycles. Leveraged Allure for test reporting and integrated with Jenkins for efficient CI/CD.
- Integrated third-party RESTful API services, enabling seamless third-party data integration and expanding the application's functionality for end-users.

Projects

Trading Bots | Python, Pandas, Ta-Lib, AWS

- Developed a highly configurable trading bot for algorithmic trading in cryptocurrency on the Bybit Crypto Exchange, using **Python, Pandas, Ta-Lib**, and other tools to improve the accuracy of trade execution.
- Developed and optimized a highly adaptable trading bot for algorithmic binary trading in Forex currencies with IQOption that continues to run on the AWS server using **Python, Ta-Lib**, and **Pandas** technology.

AI-Powered Content Generation Platform | Django rest framework, OpenAI API

- Built a RESTful API using **Django REST Framework** to generate customizable content templates (blogs, quizzes, marketing, social media) via **OpenAI GPT** based on user-defined tone, language, and variations.
- implemented **dynamic prompt generation** and **ChatGPT API integration** to deliver AI-driven multilingual content in real time.

Blogs Management system | FastAPI, Sqlite3

- Developed a **FastAPI**-based blog management system with secure **JWT** authentication and **SQLite3** integration, enabling users to perform CRUD operations on blog posts while ensuring robust user authentication and authorization mechanisms.

Education

DHARMSINH DESAI UNIVERSITY

2018-2022

Bachelor of Technology in **Computer Engineering** (GPA: 8.2 / 10.0)

Nadiad, Gujarat