

HIMALAY PATEL



SR. PYTHON TECH LEAD

HIMALAYPATEL75@GMAIL.COM
+91 9624788668

ABOUT

Highly skilled and motivated Python, Django REST, Flask, FastAPI, **LlamaIndex & LangChain**. developer with 4 years of professional experience. Possessing a strong foundation in software development and a proven track record of delivering robust and scalable applications. Proficient in designing, implementing, and maintaining complex systems to meet project requirements. Committed to continuous learning and staying up-to-date with the latest technologies to drive innovation. Excellent problem-solving and communication skills, combined with the ability to work collaboratively in a team environment.

SKILLS

- Python, HTML5, CSS, JavaScript, Bash Scripting, Shell Scripting.
- MySQL, H2 Database, PostgreSQL, PyCharm, Postman
- BitBucket, GitHub, Git
- Django REST, Flask, FastAPI, LlamaIndex, LangChain.
- Visual Studio code, IntelliJ, NetBeans, PyCharm, Postman
- Azure, AWS, Google Cloud, Jenkins, Docker

EDUCATION

BACHELOR OF ENGINEERING

Gujrat Technological University | CGPA 7.5

EXPERIENCE

- **SENIOR LEAD SOFTWARE ENGINEER**
Skylink Infosolutions™ · Full-time
Dec 2022 - Present · 10 mos
- **SR. FULL STACK DEVELOPER**
XDuce Technologies · Full-time
Oct 2021 - Dec 2022 · 1 yr 3 mos
- **JR. FULL STACK DEVELOPER**
Rushkar Technology Pvt. Ltd. - Full-time
May 2020 - Oct 2021 · 1 yr 6 mos

PROJECTS



POC - COCPIT-AI POWERD BY LLAMAINDEX | OPEN-AI

- Role - Sr. Tech Lead Django
- Technology Used - Python, Django-REST, LlamaIndex, LangChain, Open-AI
- Cocpit AI is a project based on Open-AI, langchain, and LlamaIndex that provides answers to questions based on a given database. Clients can submit their database to Cocpit AI, and Cocpit AI will use its knowledge of language and the database to answer questions about the data.
- Cocpit AI can be used to analyze customer purchase data to identify trends and opportunities. For example, a retailer could use Cocpit AI to identify the most popular products among customers of a certain demographic. The retailer could then use this information to stock more of these products or to offer targeted promotions.
- Cocpit AI is a versatile tool that can be used in a variety of industries to improve decision-making.



ALGO TRADING SOFTWARE

- Role - Sr. Software Developer
- Technology Used - Python, Django, Celery, Azure, Websockets.
- Algorithmic trading (algo trading) software designed to automate the process of buying and selling securities in financial markets. It uses predefined algorithms to analyze market data, identify trading opportunities, and execute trades based on a set of rules or strategies.



HOSPITAL MANAGEMENT

- Role - Sr. Django Developer
- Technology Used - Python, Django-REST, GraphQL, Docker, Celery, JavaScript, Bootstrap-5, Postman, BitBucket.
- Our Hospital Management Project, powered by Django REST, Celery, GraphQL, and Docker, offers a complete solution for healthcare facilities. It includes patient management, appointment scheduling, medical records, billing, inventory, staff management, medication tracking, lab tests, notifications, and reporting. This system optimizes hospital operations, ensuring efficient healthcare delivery and compliance.



PART-KART MANAGEMENT TOOL

- Role - Full Stack developer
- Technology Used - Core JAVA, MySql, JSP, jQuery, JavaScript, Bootstrap-5.
- This is an online business-to-business (B2B) platform that facilitates the buying and selling of automobile vehicle parts. The platform connects suppliers of auto parts with buyers who are looking to purchase these parts for their vehicles. The platform is designed to be user-friendly, allowing buyers to search for specific parts based on make and model of the vehicle, part number, or other relevant criteria. Suppliers can list their products on the platform, providing detailed information about the parts they are selling, including specifications, pricing, and availability. The platform offers a secure payment gateway and shipping options, ensuring that both buyers and suppliers have a seamless experience. Additionally, the platform may provide additional features, such as analytics and reporting tools to help suppliers track sales and identify trends in the market. Overall, this B2B platform for buying and selling automobile vehicle parts offers a convenient and efficient way for businesses to source the parts they need for their vehicles.



WAREHOUSE MANAGEMENT

- Role - Sr. Software Developer
- Technology Used - Python, Django-REST, Docker, Celery, JavaScript, Bootstrap-5, Postman, BitBucket.
- We have developed a comprehensive warehouse management project that encompasses all aspects of logistics, including inventory management, price management, user management, and customer management. This project is designed to give you a competitive edge in the field of logistics management, providing you with a full range of tools to optimize your operations and streamline your supply chain. Whether you're looking to improve your inventory tracking, reduce your shipping costs, or enhance your customer service, warehouse management project has everything you need to succeed. With our state-of-the-art technology and expert support, you can be confident in your ability to stay ahead of the curve and deliver exceptional results to your customers.



PETROLEUM CHAIN | CARDS | SURVEY

- Role - Sr. Tech Lead Django
- Technology Used - Python, Django-REST, Docker, Celery, Postman, BitBucket.
- Developed a comprehensive system for a petroleum chain company utilizing Python and Django-REST, which included advanced features for card and survey management. This project involved containerization with Docker, background task processing using Celery, API testing with Postman, and version control with BitBucket, contributing to streamlined operations and data management within the organization.



INVESTING MANAGEMENT TOOL | BACKTESTIING

- Role - Sr. Tech Lead Django
- Technology Used - Python, Django-REST, Docker, Kubernetes, Kafka, Jenkins, Postman, BitBucket.
- Parameterized Index Building: Users have the capability to build customized investment indices using any number of parameters. This means they can define and configure indices to align with their specific investment strategies and preferences.
- Rapid Backtesting: The system offers a remarkably fast backtesting process, allowing users to test their custom indices in just minutes. This speed is a crucial advantage, enabling users to iterate and optimize their strategies more efficiently.
- Scalable Backtesting: The technology is capable of running over 250,000 backtests simultaneously. This high level of parallel processing allows users to assess the performance of their strategies across a wide range of scenarios quickly.
- Mobile Investment: The technology provides a mobile application that enables users to invest in their customized indices. This feature offers accessibility and flexibility for investors, allowing them to manage their portfolios on the go.



QUESTION BANK(ASSESSMENT TOOL)

- Role - Full Stack developer
- Technology Used - Python, Django-REST, Docker, Angular, JavaScript, Bootstrap-5, Postman, BitBucket.
- The internal project for recruiters is designed to simplify the recruitment

Additionally, the project allows recruiters to generate exam credentials for candidates. These credentials enable candidates to take exams that are specifically designed to evaluate their expertise in a particular field. Once the candidate has completed the exam, the score is sent directly to the recruiter. This makes it easy for the recruiter to evaluate the candidate's skills and determine whether they are a good fit for the position.

By using this project, recruiters can streamline their recruitment process and ensure that they are hiring the most qualified candidates. It also allows them to make data-driven decisions based on the candidate's exam results, which can help them identify areas where the candidate may need additional training or support.

Overall, the internal project for recruiters is an excellent tool for anyone involved in the recruitment process. It simplifies the process, saves time, and helps ensure that the best candidates are selected for the job.



PYTHON-AUTOMATION SCRIPTS FOR MARKET DATA PROVIDER

- Role - Sr. Python Developer
- Technology Used - Python, Docker, Jenkins, JAMES Scheduler, Postman, Web Scraping, SonarQube, BitBucket.
- Our project leverages the power of Python automation scripts to streamline and enhance market data provisioning. Using a cutting-edge tech stack that includes Python, Docker, Jenkins, JAMES Scheduler, Postman, Web Scraping, SonarQube, and BitBucket, we've developed a robust, efficient system for automating a variety of tasks. This solution not only accelerates data retrieval and processing but also ensures accuracy and reliability, ultimately empowering organizations to make more informed and timely decisions in the dynamic world of financial markets.