Utsav Moradiya

Role: Backend Developer | Automation Engineer | Cloud Engineer

Time Zone: IST (GMT +5:30)

Country: India

Professional Experience: 4.5 years

AboutMe: Embarking on a journey to become a skilled backend developer, I focus on creating backends using Python-based frameworks like `Django`, `Flask`, and `FastAPI` with sql (`Postgresql/Mysql`), including dockerizing it.

While my knowledge of front-end technologies is limited with reactjs, I am adept at deploying and maintaining applications on clouds such as `AWS/GCP`, using various cloud services as needed.

I enjoy designing both Low-Level Design (LLD) and High-Level Design (HLD) systems.

Being a social being, I work well in a team, following `agile` methodologies,`GIT` and `CI/CD` pipelines.

I have a keen interest in continuous learning, always excited to explore new technologies and protocols, including `Kafka` and `Go`-microservices, and find joy in implementing them.

Objective 💡

Utilize my problem-solving skills and technical ability to transform companies or businesses into commercial value

Hard Skills: Python (4+Exp),Django(3.5+Exp), FastAPI,Flask , SQL, AWS,kafka,docker, microservices, Serverless ,GCP ,Azure func, Reactjs,Embedded C++,VBscript

Portfolio: utsavmoradiya.in

Linkedin: https://www.linkedin.com/in/utsav-moradiya-445a371ab/

Github: https://github.com/Utsav-pixel

Soft Skills: Leadership,Co-ordination & Planning,Client Relationship Management,Project Management,Communication Skills,Requirement Gathering,Logical Solution,Experts POC & Research,Quick Learner,System Design,Git Version Control,Agile based workflow

Tools/Frameworks: VScode, Git, Postman,Django , Flask , FastAPI , Selenium ,PyQt5 ,WebScrapping

Projects:

Title: E-commerce- Arihant Electronic
Duration: 9 Months
Team Size: 5

Description:Its is croma like similar e-commerce website with custom admin panel
- Payment Gateway (Pinelabs)
- Order Tracking
- Customize website using it admin panel
- OTP phone login service
- Product Adding and Find product on base of customize filters
- Mail service for target public

Role: Full-Stack Leader
Environment: Python-Django,AWS S3, AWS-CloudFront, Loadbalancer, Nginx, Reactjs, AWS-Ampliy, AWS RDS

Title: Pankaj Jewellers
Duration: 2 Months
Team Size: 2
Description:Its is online jeweller store.
- Payment Gateway (Razorpay)
- Order Tracking
- Customize website using it admin panel
- OTP phone login service
- Product Adding and Find product on base of customize filters
- Mail service for target public

Role: Full-Stack Leader
Environment: Python-Django,AWS S3, AWS-CloudFront, Loadbalancer, Nginx, Reactjs, AWS-Ampliy, AWS RDS

Title: NsDoc
Duration: 1 Months
Team Size: 3
Description:Doctor appointment system where patient can book their slots followed by medical history and prescription
- MultiDoctor ,MultiPatient, and its admin panel
- Works for multispeciality hospitals
- Slot management with notifications.
- Mail service for target public
- Payment Gateway (RazorPay)

Role: Full-Stack Leader
Environment: Python-Django,AWS S3, AWS-CloudFront, Loadbalancer, Nginx, Reactjs, AWS-Ampliy, AWS RDS

Title: CognitivePixel Dashboard
Duration: 2 Year
Team Size: 2
Description:It is dashboard for digital marketing company (Currently for internal employee use)who runs campaign as per leads.We have integrated meta and third party insights.Which approximately process over 23000 records per 2mins.Basically it gets refresh every 2 mins.Also include campaign management ,filters,User management.Contact for demo.No external sign up allowed.
Role: Full-Stack Leader

Environment: Python-Django,Reactjs,Cron processes,Multithreading,Role Management,On Site server.

Title: <u>LMS - Learning Management System</u>
Duration: 2 Months
Team Size: 3
Description:LMS as similar to udemy, this is video content delivery system which have three panel user,admin,tutor with different access management.Disable video when its duration date is expire.Develop cloud architecture for uploading video on S3 ,break in download in different resolutions using video transcoder and store it in back to S3.Stream it via cloudfront.Stripe Payment Gateway is used
Role: Full-Stack Leader
Environment: Python-Django,AWS S3, AWS-CloudFront, Loadbalancer, Nginx, Reactjs, AWS-Ampliy, AWS RDS,Amazon Elastic Transcoder

Title: <u>Algo Trading Bot</u>
Duration: 7 Months
Team Size: 1
Description:
- Trading bot start at 9:15am login all the user in Kotak neo broker.Also active Amibroker at server end which is responsible for chart data and signals.
- Perform seamless trades for all user at a movement and try to gain max profit or no loss strategy
- There are 3 different bot design for Binance - Crypto trading,MT5 forex trading,Kotak Neo for NSE options trading
- Concepts involve in bot design are:Multithreading,Multiprocessing,Concurrent task,R/W memory,database,async process,API integration,automations,websockets,pandas,react,ploting.

Role: Full project developer

Title: <u>R - Python Migration</u>
Duration: 6 Months
Team Size: 2
Description:Migrate 6 Groups and each group with 10 R scripts to python using pandas and numpy connected to ms sql database.SSIS workflow was design in Azure cloud.Scripts runs on regular basis using task scheduler was later migrated to Azure functions with timer trigger
Role: Python developer
Environment: Python,Azure functions,R language

Title: <u>UI4IUT</u>
Duration: 1 Year
Team Size: 3
Description:It is user friendly easy to setup desktop based ai application which extract data from proprietory software (OmniPC) using python automation and extracted data is preprocessed ,cleaned,labeled and ML model is applied to get reports and charts.It is currently used by https://fusionforenergy.europa.eu/ under welding workshops.
Role: Automation Engineer
Environment: Python,Automation,PyQt5-GUI,Pandas

Title:DropVault Tech IOT product.
Duration: 1 Year
Team Size: 6
Description:Working on creating a functional prototype of a secure package collection system. Designed the circuit for the prototype and chose the appropriate peripherals for it. An Wifi SoC based prototype model was built by integrating the chosen components. The back-end software for the functioning of the prototype was built using Arduino and AWS support.
Role: Embedded Engineer
Environment:C++ ,Python,Embedded system,Networks

Experience:

Python Freelancer

- March 2024 - present

Python Tutor (BIA-bostoninstituteofanalytics)

- Feb 2024 - present (1 lecture/ weekend)

Sr Python Developer(Dignizant)

- Dec 2022 - Jan 2024

Sr Full Stack Developer(Nysha Solution)

- Dec 2021 to Dec 2022

Full Stack Developer(Cognitive Pixel)

- Dec 2020 to Dec 2021

Embedded Engineer(DropVault-Remote)

- Jan 2020 to Dec 2020

Education:

BTech in Electronic and communication Engineering (2019-23)

Parul University (NAAC A++)

Contact Me:

Email : utsav.moradiya@gmail.com
Ph.No: 7383946733