Name: Utsav Moradiya

Role: Python Developer || Automation Engineer || Cloud Engineer

Time Zone: IST (GMT +5:30)

Country: India

Professional Experience: 3+ years

Summary: Experienced Software Developer specializing in backend development and automation with a proven track record in creating and deploying scalable systems on the cloud. Possesses over 3 years of industry expertise, including microservices architecture and client management.Additionally, has over 1 year of experience as an Embedded Electronics Engineer in a startup, contributing to the development of IoT devices.

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

Hard Skills: Python,R, React,Embedded C++, SQL, AWS, microservices, Serverless ,GCP ,Azure func,VBscript

Portfolio: utsavmoradiya.in

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

Primary languages: Python

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

Projects:

Title: Algo Trading Bot
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: 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
- 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 prescribtion
- MultiDoctor ,MultiPatient, and its admin panel
- Works for multispeciality hospitals
- Slot management with notifications.
- Mail service for target public

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

Title: CognitivePixel Dashboard
Duration: 1 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: LMS - Learning Management System
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
Role: Full-Stack Leader

Environment: Python-Django,AWS S3, AWS-CloudFront, Loadbalancer, Nginx, Reactjs, AWS-Ampliy, AWS RDS,Amazon Elastic Transcoder

Title: R - Python Migration
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: UI4IUT
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: Autoation 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:

Sr Python Developer(Dignizant)

- 2022 - 2023

Sr Full Stack Developer(Nysha Solution)

- 2021 to 2022

Freelancer (Cognitive Pixel)

- 2020 to 2022

Embedded Engineer(DropVault)

- 2021 to 2022

Education:

BTech in Electronic and communication Engineering (2019-23)

Parul University (NAAC A++)