

# Utsav Moradiya

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

**Time Zone:** IST (GMT +5:30)

**Country:** India

**Professional Experience:** 4+ years

**About Me:** Once, a wise person said, "Self introduction is not my culture." Work and character are enough to introduce a person. I share the same belief.

**Objective** 💡

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

**Hard Skills:** Python, Django, FastAPI, Flask, Reactjs, Embedded C++, SQL, AWS, microservices, Serverless, GCP, Azure func, VBscript

**Portfolio:** [utsavmoradiya.in](https://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, Django, Flask, FastAPI, Selenium, PyQt5, WebScraping

**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, plotting.

**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 prescription

- 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 proprietary 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:**

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++)

**Contact Me:**

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