USAMA ALI

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EXPERIENCE

Jun 2021 – Current   **Software Engineer – AltCodeLabs**

- Handled complete Django Backend development and added features like Payment processor using **authorize.net** and integrated a complete Coupons and discount system in the checkout process.
- Worked on customizing the prebuild **Django Admin panel** and added a custom notification panel on the page.
- Used **celery** and **dramatiq** with **redis** to run cron-jobs and Django backend tasks.
- Worked with **Django Rest Framework** and **Model View Sets** to create API's for **React** frontend.
- Worked with **Django forms**, **Django template language** and changes in **React**.

Jun 2020 – Current   **Software Engineer – Freelancer**

- Worked on a US based Rental Application and automated the process of extracting the information from forms like Paystubs, W2, 1099, 1040 and government ID etc. using **Google Document AI, Python** and **AWS Services (Lambda, Textract, S3)**.
- Automated the process of triggering the **Lambda** function when the client receives an email from specified email address and extracts all the useful information through a **python script** and **Integromat** then uploading the information to the **RDS** instance in a **VPC.**
- Created a Machine Learning Model Using **AWS Rekognition** to identify the type of document i.e. W2, 1040, 1099.
- Developed Custom Automation Code using different smartsheet API's using **Flask**

Feb 2020 – Jun 2020   **StackIntel.io,** Lahore, Pakistan
                                 Software Engineer

- Developed a system that downloads multiple PDF files, extracts, preprocesses, and uploads the data into **AWS RDS** automatically through a single command using **Puppeteer, EC2, pypdf2, AWS Textract,** and **Pandas**.
- Developed a website that takes the user requirements and uploads them into the **AWS DynamoDB** using the **AWS API Gateway** and **Lambda**.
- Developed a system using **AWS Rekognition**, **AWS SES,** and **SNS** to identify moderation or violence in an image or a video and send an alert to the user if it is greater than a certain extent.
- Worked with a US-Based client who was an AWS Architecture Engineer.

EDUCATION

COMSATS University
Bachelors in Computer Science - January 2020 - Grade B-

SKILLS

- **React.Js** (Hooks, Context API, GraphQL)
- **Python** (Django,Flask,Pandas, Numpy, Matplotlib)
- **Amazon Web Services** (Lambda, EC2, API Gateway, DynamoDB, Cloud Watch, Textract, S3)
- **Redux** (Redux Saga, Redux Thunk)
- **Web Development** (HTML,CSS,Javascript, SCSS)
- **API Development** (REST)
- **Database Management** (SQL Server, PostgreSQL, DynamoDB)
- **Automation** (Integromat, Zapier)
- **Good Problem-Solving Skills**
- **Good Communication Skills**

PERSONAL PROJECTS

- My Portfolio website (**React.js**) Link: Usama Ali | Full Stack Web & AWS Developer (usamamubarikali.github.io)
- RoboFriends App (**React.js**) Link: usamamubarikali.github.io/robofriends/
- Ecommerce Website (**React.js, Django)** Link**:** https://github.com/usamamubarikali/ecommerce/
- COMSATS University Chatbot Development with English and Roman-language support. (**Final Year Project)**
- PacMan game the Shortest PathFinder (**Java**) Link: https://github.com/usamamubarikali/pacman/

CERTIFICATIONS/COURSES

Complete React Developer Course,   CSS - The Complete Guide 2021
Django 2.2 Python | The Ultimate Web   Applied Data Science with Python