

USAMA ALI

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OBJECTIVE

Highly motivated and a hard worker with good programming and problem-solving skills aiming to excel among all and expand my knowledge, and skills, for the growth of your company.

EXPERIENCE

Jun 2020 – Current Software Engineer – Freelancer

- Made changes to the current **React.js** application of the client.
- 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.
- Created DAGs for apache Airflow for Amazon immersion day using Python and AWS MWAA
- Developed Custom Automation Code using different smartsheet API's

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 Skill**

PROJECTS

- RoboFriends App (**React.js**) Link: [usamamubarikali.github.io/robofriends/](https://github.com/usamamubarikali/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/>
- Prison Management System (**SQL Server, JAVA**)

Certifications/Courses

- Complete React Developer Course
- Django 2.2 Python | The Ultimate Web Development Bootcamp
- CSS - The Complete Guide 2021 (incl. Flexbox, Grid & Sass)
- Applied Data Science with Python