

Rijhu Rathore

 RathoreRijhu |  Rijhu Rathore | |  Email |  +923403223452

SUMMARY

Dynamic Software Developer with a passion for innovation and a track record of delivering impactful software solutions. Expertise in Python and comprehensive knowledge of the AWS ecosystem, including EC2, S3, Lambda, and DynamoDB. Skilled in developing scalable architectures, optimizing system performance, and implementing secure RESTful APIs. Collaborative team player with a focus on exceeding client expectations and delivering projects on time. Stay ahead of the curve through continuous learning and a deep commitment to staying at the forefront of cloud computing and Python development. Ready to drive your organization's success with compelling software solutions.

WORK EXPERIENCE

Python Developer @Cielo WiGle Inc.

Feb 2022 - current

- Building serverless applications and microservices using AWS Lambda, API Gateway/Websocket, and other AWS services.
- Creating and maintaining AWS infrastructure using infrastructure-as-code tools like AWS CloudFormation and Serverless.
- Designed and developed the Cielo home web app and Cielo support portal.
- Developed and maintained AWS Lambda Handlers for MQTT Topics with the serverless framework.
- Created and managed the AWS IoT Core, EC2, IAM, DynamoDB, S3, and other resources.
- Troubleshooting and resolving technical issues related to Lambda functions and other AWS services.
- Keeping up-to-date with the latest AWS services and technologies and recommending improvements to existing systems.
- Writing clean, modular, and reusable code and adhering to best practices for software development.

Technologies: Python, AWS, Serverless, IoT

Python Developer @ExpertsVision

Jan 2019 - Jan 2022

- Developed Chatbot using python flask for back-end and angular for frontend.
- Deploying ML/AI models in different environments.
- Designing and developing RESTful APIs for multiple web apps using Flask and Django Framework.
- Writing data scraping python scripts using Selenium, Requests & BeautifulSoup.
- Developing web automation scripts using selenium web driver and data preprocessing scripts using python-pandas and storing them in the DBs using ORMs.

Technologies: Python, Jupyter notebooks, Selenium, Flask, MySQL, AWS EC2, Nginx

PROJECTS

Automated CI/CD Pipeline for Django Application using AWS, Docker, Jenkins [Github Repo](#)

- A real time CI/CD pipeline on Jenkins with GitHub integration and a system designed to handle database, server orchestration using Docker, Docker-compose.

Proveo ChatBot web app and Admin Panel

- Getting questions related medical drugs and giving response using machine learning.
- Developed frontend in Angular and Backend in Python flask restful Api. Used MongoDB for chatbots's QsAs Data and Mysql Database for user information and admin.

Video Chat Application

- Peer to peer video calling using WebRTC Peerjs.
- User get registered and login after that user can make a video call with friends, add new friends, block/unblock friends, search and call to random users on interests based.
- Developed front-end in Angular and Back-end in Nodejs.
- Used MongoDB for user information.

Ecommerce Application

- Web scrapping from multiple ecommerce sites and storing into MySql Database.
- Python Flask RESTful Apis to get data from Database.
- Check products availability in Stock on original sites and auto updating in database using python script.

SKILLS

Python, Pandas, NumPy, Javascript, Flask, Django, PostgreSQL, HTML/CSS, Selenium, AWS, AWS Cognito, S3, EC2, ECS, DynamoDB, CloudWatch, CloudFormation, SQS, Lambda, API Gateway, Jenkins, Docker, Docker-compose, YAML, Bash scripting, Jira, Git and GitHub, CI/CD, Serverless.

EDUCATION

2013 - 2017 BS Computer Science at COMSATS University Islamabad

(GPA: 3.2/4.0)