



Parthasaradhi M Terugu

Summary

Over 4.5+ years of software development in Python, to build and deploy through tools like Docker, AWS Lambda, Jenkins.

- Worked on Utility to parse, modify and save data using Python, AWS Lambda, SAM CLI.
- Built a config parser framework for parsing a payload using a JSON configuration.
- Built web application API's using Python, Flask.
- Container management using Docker by writing Dockerfiles and setting up the automated build.
- Working experience in Microservice architecture.
- Experienced in version control Systems like Git.
- Knowledge in PostgreSQL
- Capable of supporting and managing multiple projects simultaneously, comfortable troubleshooting and debugging and able to work under pressure.
- Maintaining code quality by following PEP8 and using autopep8 with VScode.
- Solving Business/Enterprise and proposing innovative solutions based on requirements of the customers.
- Performed multiple successful releases.

Technical skills

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|----------------------|---------------------|
| Scripting | Python, Shell, Java |
| Frameworks | Flask, FastAPI |
| CI Tools | Jenkins |
| Databases | PostgreSQL, MongoDB |
| Cloud Service | AWS, Azure |

Education

2013–2017 **Indian Institute of Information Technology** , *Bachelor Of Technology in Electronics And Communication Engineering.*

Experience

Software Engineer at Eka Software Solutions

Jan, 2021 - Present

- As a developer, I worked on designing and developing the Utility to parse, modify and save.
- Developed and Maintained Jenkins Jobs to build and deploy the Python, Java and UI Services.
- Integration of Jenkins with Github webhooks to enable CI/CD.
- Integration of API gateway and Eureka to Java Microservices.
- Integration of Asian and Barrier Options to existing Open source library QuantLib.

Infra Developer at Cognizant

May, 2018 - Jan, 2021

- As a developer, I worked on designing and developing the tool integration module and events handling module in EventsEngine(Alerta tool).
- Completed a 6 week independent solo project to develop a framework **Config Parser** that can parse tool payload to Event engine payload with a configuration file using Python.
- Analysing the business requirement and transforming into functionality.
- Developed Micro Services and API's using flask
- Developed automation scripts using Python for log analysis, performance testing etc.
- Good understanding in Software Development Life Cycle (SDLC) process - Requirement Gathering, Analysis, Design, Development and Testing.
- Quickly analyzing, debugging and resolving Production/LLE problems.

Game Developer at GoLive Gaming Solutions

Feb, 2017 - September, 2017

- Built games for both Android and iOS using Unity3D platform.
- Worked on multiple projects on version control through Git.
- Integration of third party Ad plugin's of ironsource, Tapjoy.
- Implementation of Game achievements and Social media support in games.

Certifications

1. Certified in *Mathematical Thinking in Computer Science* course, *Combinatorics and Probability* and *Introduction to Graph theory* in Coursera.
2. Completed *Kubernetes Certified Application Developer (CKAD)* Course in Udemy
3. Earned Gold badge for Python in HackerRank
4. Completed JAVA, Selenium, SQL Skill based Assessment in Cognizant

Extra-Curricular Activities

1. Chess, Badminton.
2. Reading magazines, Surfing. Solving Sudoku, Rubik's cube and Puzzles