

Balakrishnan S

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Profile Summary:

Results-oriented Software Engineer skilled in Python development and intermediate in AWS services for building serverless applications. Adept in test automation using PyTest and Selenium. Capable of building responsive UI components in React. Seeking a challenging position to contribute to innovative projects and apply my skills in software development and testing.

Experience:

- Software Engineer with 1 year experience in the IT Industry.
- Experience in Software Development Life Cycle (SDLC) of development, debugging, deploying, testing version controlling of Python applications.
- Developed and maintained serverless applications, using AWS Lambdas, for implementing RESTful APIs in Python, for Infinstor MLflow server. The RESTful APIs integrated with several AWS services including Dynamodb, S3, IAM, Cognito and others.
- Experience in automated UI and API testing using PyTest, Python and Selenium for automated testing of Infinstor MLflow and Concurrent for MLflow
- Integrated PyTest + Selenium automation suites into the CI/CD pipeline (GitHub actions) for end-to-end testing of Infinstor MLflow and Concurrent for MLflow.
- Developed Interactive UI components using React and Deployed production build using custom routing configuration.

Ability:

- Ability to do the code review and define best practices in coding.
- Ability to think logically to succeed in diverse technical & business streams.
- Ability to contribute effectively in a team to produce desired results.

Skill Set:

Languages	Python, C
UI Technologies	HTML, CSS, JavaScript, React, DOM, XPath
Frameworks	PyTest, Selenium
Databases	MySQL
AWS Services	Lambda, DynamoDB, S3, IAM, Cognito
Version Control	Git
Operating System	Linux

Education:

- Bachelor of Computer Science and Engineering from Kamaraj College of Engineering and Technology. [2023]

Professional Experience:

Organization	Position	Duration	
		From	To
Infinstor	Software Engineer	Jan - 2023	Mar - 2024

Key Responsibilities:

- Experience in exploring and utilizing new technologies to enhance project delivery and yield competitive advantage.
- Responsible for code maintenance in Git Repository.
- Perform impact analysis and develop new features.
- Perform unit testing and integration testing.
- Involve in bug fixing and enhancements.

Projects Summary:

Project Description	Environment
Infistor MLflow: (Jan 2023 - Mar 2024) Infinstor for MLflow is an enterprise ready implementation of MLflow, for Machine Learning and Deep learning experiment tracking, model registration, model serving, MLprojects and others. It runs on AWS as a SaaS application or a single tenant application (deployed in an enterprise environment).	Python, AWS Cloud