

YOGESH MAGGU

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*Throughout 10 years of experience in developing new programs. Certified **AWS Developer & Solution Architect** and hands on experience to develop **serverless** applications along with Python. Experience in Designing, Development, Implementation of Python frameworks such as **Django, Flask, Chalice, FastAPI** and client - server technology based applications.*

PROFESSIONAL SUMMARY

- Comprehensive knowledge and hands-on experience with service offerings from Amazon Web Services(AWS).
- Experience on IaaS - Developed AWS infrastructures using Terraform.
- Experience in building continuous integration and deployment environments using Gitlab.
- Experienced in contributing actively throughout the development phase by tracking technical issues and solving problems especially for the issues spanning across multiple projects.
- Diligent in contributing to the Software Development Lifecycle (SDLC) including requirement analysis, design, automation, testing & maintenance phases using Agile Scrum methodology.
- Ability to analyze user requirements or technical specifications as well as write and execute reliable, testable and efficient code for Python based applications.
- Ability to solve complex programming or application issues as well as provide technical support to end-users and team members.

TECHNICAL SKILLS

Languages	: Python, PHP, Shell, JavaScript
Frameworks	: Chalice, FastAPI, Flask, Django, Zend, Laravel
Cloud	: AWS (Lambda, API Gateway, Dynamo, S3, Route 53, SQS, SNS etc)
Databases	: MySQL, MariaDB, Sqlite, SQL
Tool	: Terraform, GitLab, Jenkins, Zappa, SAM
Operating System	: Linux & Windows
Web Technologies	: HTML, CSS, Ajax, JQuery
Other	: Bugzilla, JIRA, Teams, Gitlab, SVN

WORK EXPERIENCE

Eseye - Senior Technical Lead

Jan 2022 – Present

- Leading architecture and development of scalable, serverless applications using AWS Lambda, API Gateway, and Python.
- Designing infrastructure using **Terraform**, ensuring consistency across staging and production environments.
- Driving CI/CD improvements with GitLab pipelines and mentoring cross-functional teams on cloud best practices.

Eseye - Technical Lead

Jan 2021 – Dec 2021

- Spearheaded backend development for SIM lifecycle management and device provisioning systems.
- Collaborated with product teams to translate business requirements into technical implementations.
- Integrated AWS services like SQS, SNS, and DynamoDB to enable high availability and performance.

Xebia - Senior Consultant

Sept 2020 - Jan 2021

- Developed scalable backend modules using **Django**, focusing on clean architecture and RESTful API design.
- Integrated AWS SQS for asynchronous task processing and Elasticsearch for advanced search capabilities.
- Collaborated with cross-functional teams to deploy and optimize cloud-based solutions in an Agile environment.

Eseye - Technical Lead

Jan 2020 – Aug 2020

- Led backend development using Python for device connectivity systems with AWS Lambda and API Gateway.
- Designed infrastructure as code (IaC) modules using **Terraform** to provision AWS resources.
- Mentored junior developers and conducted code reviews to maintain high-quality standards.

Eseye - Senior Software Engineer

Jan 2018 – Dec 2019

- Built RESTful APIs and background services using **Flask** and **Chalice** frameworks.
- Implemented unit and integration testing using **Pytest** across various backend modules.
- Contributed to CI/CD pipeline automation using GitLab and shell scripts.

Dataflex - Software Engineer

Sept 2014 - Feb 2018

- Developed and maintained backend systems using **PHP** and the **Zend Framework** for enterprise web applications.
- Designed and implemented RESTful APIs to support web clients with scalable and secure data access.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (Earned: Sep 2019, Expired: Sep 2022)

AWS Certified Developer - Associate (Earned: Aug 2019, Expired: Sep 2022)

EDUCATION

Guru Gobind Singh Indraprastha University, New Delhi.

Master of Computer Applications (MCA) 2011-14

Guru Gobind Singh Indraprastha University, New Delhi.

Bachelor of Computer Applications (BCA) 2008-11

PROJECTS

Reporting System

Reporting System is a background project used to generate reports which contains useful information related to SIMs, Devices such as SIM Locations, SIM Activation, Active Devices and so on.

Role and responsibilities :

- Setup Infrastructure for AWS Resources using Terraform.
- Worked on API development using Python and deployed on AWS lambda..
- Implemented unit testing using Pytest the Python unit test framework, for all backend modules.

- Worked on schedule jobs of reporting system modules(schedule, generator and post-generation).
- Implemented a fully automated CI/CD system using Gitlab and custom tools developed in Python and Bash.

SIAM

SIAM is a web-based interface designed and developed by Eseye's team for their customers. It has been created to put users (End users/Customers) in control and to offer basic, web enabled control of the connectivity – for example controlling SIM activation, viewing the location of the SIM, real time views of data usage, and configuring alerts.

Role and responsibilities :

- Setup AWS Infrastructure for REST APIs using Terraform.
- Involved in backend modules development using Python on AWS.
- Implemented unit testing using Pytest the Python unit test framework, for all backend modules.
- Implemented a fully automated CI/CD system using Gitlab and custom tools developed in Python and Bash.

Geoffroy Profile Manager Service

Geoffroy is the Profile management sub system used by Eseye to manage actions performed on devices. Geoffroy consumes activity information relating to a SIM on the network, this activity identifies the profile in use and the network that the device is currently operating upon. Based upon this information and history geoffroy will decide to manage the device.

Role and responsibilities :

- Developed the entire geoffroy system using python in the Flask framework.
- Developed the RESTful Web Services for performing actions on devices.
- Developed and scheduled the background processing jobs.
- Implemented unit testing using Pytest the Python unit test framework.