

S MOHAMED KALANDAR SULAIMAN

Python Backend Developer - Passionate Software Engineer committed to continuous learning and dynamic application of fundamental principles. Proficient in backend and distributed systems, dedicated to active upskilling and lifelong learning.



Work Experience

Trimble , Chennai - Associate SDET

July 2023 - Present

- Designed and developed a custom API automation testing framework using python - along with UI using flask framework.
- Test scripts are triggered automatically via CICD pipeline and the scripts are hosted in a serverless ECS fargate cluster
- Migrated existing test scripts from postman to the newly developed automation framework.
- Tools used
 - Flask, Requests, HTML, CSS, Bootstrap 5, Docker, AWS Fargate

Trimble , Chennai— Graduate Technical Intern

Jan 2023 - June 2023 - (6 months)

- Worked on building REST API backend systems.
- Tech stack involved cloud native serverless backend system in AWS with lambda and DynamoDB.

Educational

B.E (EEE) - Thiagarajar College of engineering - Apr'23 - CGPA - 8.99

HSC (Computer Science Stream)-SPIC School - Mar'19 - Score - 554/600

SSLC (Tamilnadu State Board)- SPIC School - Mar'17 - Score - 488/500

Project

Bus Ticketing and Tracking System - April 2023 - Final Year Project

- Python, Flask, SQLite, HTML, CSS, JS
- Raspberry Pi Pico , GPS Sensor , RFID module.

Chat Application using Sockets - Feb 2022 - Hobby Project

- Python , CLI, Socket

Certifications

- AWS Certified Solutions Architect Associate - Dec'23
- AWS Knowledge Cloud Essentials - Badge - Nov'23

Courses

- Udemy - Fundamentals of Backend Engineering - Jan'24
- Udemy - Fundamentals of Database Engineering - Jan'24
- Udemy - Docker and Kubernetes - 2024 Practical Guide - Feb'24
- Udemy -The Complete Django Web Development Course - Feb'24
- MongoDB Python Developer Learning Path - Mar'24
- Udemy - Master Redis - Beginner to Advanced, - May'24
- Udemy - Apache Cassandra : Everything You Need To Know - May'24

Skills

Technical Skills

- Git & Github
- REST API Design and Development
- AWS
- Docker
- Kubernetes basics
- Postman

Knowledge Base

- High Level - System Design
- Data Structures and Algorithms
- OAuth 2.0
- OOPs
- Design Patterns
- SOLID Principles
- Agile
- Asynchronous programming

Areas of Interest

- Database Internals
- Distributed Systems

Frameworks

- Flask
- Django Rest Framework

Tools and Technologies

- Mongo DB
- PostgreSQL
- Redis
- Cassandra

Programming Languages

- Python
- SQL
- Essentials of HTML, CSS, JS

Languages

- English - Professional Proficiency
- Tamil - Professional Proficiency