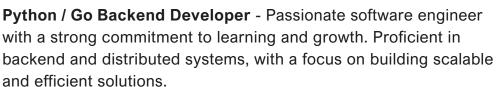
S MOHAMED KALANDAR SULAIMAN



Work Experience

Trimble, Chennai - Associate SDET

July 2023 - Present

- Designed and developed an API automation testing framework in Python with a UI built using the Flask framework.
- Integrated test scripts with a CI/CD pipeline for automatic execution, and hosted them in a serverless ECS Fargate cluster.
- Successfully migrated existing test scripts from Postman to the new automation framework.
- · Tools used
 - Flask, Requests, HTML, CSS, Bootstrap 5, Docker, AWS Fargate

Trimble, Chennai— Graduate Technical Intern

Jan 2023 - June 2023 - (6 months)

 Developed REST API backend systems using a cloud-native, serverless architecture on AWS. Leveraged AWS Lambda for compute and DynamoDB for scalable, low-latency data storage.

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

Projects

URL Shortener - Aug'24 (Ongoing) - Hobby Project

- Implemented a rate limiter microservice using gRPC in Go.
- Developed the core REST API using the Python FastAPI framework.
- Built an essential frontend with HTML, CSS, JavaScript, and Bootstrap
- Utilized **Redis** for caching.
- Used MongoDB for the persisting user data and Cassandra for the persistence of usage analytics.
- Configured Nginx as a reverse proxy.
- Deployed the application using **Docker** and **Kubernetes**.

Bus Ticketing and Tracking System - Apr'23 - Final Year Project Chat Application using Sockets - Feb'22 - Hobby Project

AWS Certifications and Badges

- AWS Certified Solutions Architect Associate Certification 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
- Udemy Master Redis Beginner to Advanced, May'24
- Udemy Apache Cassandra: Everything You Need To Know May'24
- Udemy Fast API Complete Course July'24







Phone: +91 87786 94720

Mail: mohamedsulaiman.official@gmail.com

Skills

Technical Skills

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

Knowledge Base

- High Level System Design
- · Data Structures and Algorithms
- OAuth 2.0
- · Asynchronous programming
- GRPC
- OOPS
- Authentication and Authorization

Areas of Interest

- · Database Internals
- Distributed Systems

Frameworks

- Flask
- · Django Rest Framework
- Fast API
- Go Gin Framework

Tools and Technologies

- Mongo DB
- PostgreSQL
- Redis
- Cassandra

Programming Languages

- · Python Intermediate
- · Go Beginner
- SQL
- Essentials of HTML, CSS, JS

Credly Badges Earned

- O'reilly-Concurrency in Go Aug'24
- O'reilly RESTful APIs with Go -July'24

Languages

- English Professional Proficiency
- Tamil Professional Proficiency