

SREESHANTH THEKKEDATH

SOFTWARE ENGINEER

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 [Sreeshanth Thekkedath](#)  [github.com/SreeshanthT](#)

Profile

Results-driven and versatile Software Engineer with proven expertise in Python, Django, Flask, and modern web technologies. I specialize in building robust, scalable, and secure web applications, leveraging both backend and frontend skills. Experienced in cloud solutions (AWS), DevOps practices, and automation, I deliver high-quality, maintainable code tailored to client needs. Adept at collaborating with global teams and clients, I am committed to exceeding expectations and driving business success through innovative technology solutions. Let's work together to bring your ideas to life—on time and with excellence.

Areas of Expertise

Web development - Python - Django - Django Rest Framework - Flask - Jinja2 - GraphQL - AWS AppSync - REST API - MySQL/PostgreSQL - JavaScript - HTML/CSS/Bootstrap - React - Data Structure and Algorithm - Excel - GPT - Web Scrapping - AWS (Aurora, S3, Lambda, etc.) - Terraform - Docker - GitLab CI/CD - Pre-commit - Ruff - Trivy - SonarQube - nginx

Professional Experience

Software Engineer, (*Trenser Technology Solutions*)

12/2024 - present

- Developed and maintained Flask applications with Jinja2 templates, and created GraphQL APIs using AWS AppSync for dynamic and scalable web solutions.
- Automated AWS resource provisioning and management using Terraform; containerized and deployed applications with Docker.
- Built and optimized CI/CD pipelines with GitLab CI/CD, and implemented pre-commit hooks with Ruff linters to ensure code quality and consistency.
- Utilized Trivy and SonarQube for vulnerability scanning and code analysis; worked extensively with AWS services including Aurora, S3, Lambda, and other core offerings.

System Engineer, (*Reizend Private Limited*)

02/2023 - 12/2024

- Currently maintaining and developing a web application designed to manage sales data and analytics for business-to-business operations.
- Performed server bug fixes and optimizations, enhancing the overall performance and reliability of the application. Utilized Python, Django, RestAPI, Django Rest Framework, HTML, CSS, and JavaScript in the development process.
- Part of the server slowness diagnostic team, familiar with Linux-based servers and AWS environments. And conducted performance tuning of MySQL queries and implemented indexing strategies to improve database performance.
- Created a comprehensive documentation library for Django applications using Sphinx, improving the efficiency of onboarding and knowledge transfer. [dj-docs](#)

Python Developer, (*Primalcodes Technology*)

10/2021 - 02/2023

- Contributed to the development of several e-commerce web applications and sales management applications.
- Implemented RESTful APIs to support front-end functionality and ensure smooth data flow.
- Developed a React-based e-commerce application, gaining familiarity with React and REST API development.
- Gained knowledge in PostgreSQL database management as part of networking applications.

Online Courses & Certifications

- Python Programming for Everybody & Python Data Structures (AUG 2020) - University Of Michigan, Coursera
- Software Development React + NodeJS(Present), Crio.Do

Education

B-Tech *APJ Abdul Kalam Technological University*

2017-2020

Electronics and Communication Engineering

Project — IoT Based Fault Detection In Powerline Transmission using Raspberry Pi.

Skills

- **Programming Languages:** Python, JavaScript
- **Databases:** MySQL, PostgreSQL
- **Frameworks:** Django, React, Django Rest Framework
- **Tools & Platforms:** PyCharm, VSCode, Git, AWS
- **Web Technologies:** HTML, CSS, Bootstrap
- **Other:** RESTful API, nginx