

Shree Krashan

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Summary

Over 4.5 years of experience in software engineering, specializing in Python programming, API development, client-server application development, and Docker-based application development.

Proficient in applying REST API principles to create robust and scalable solutions, with a solid understanding of software design in the design industry.

Experienced in AWS with a focus on basic cloud services, complementing my skills in building and deploying applications in cloud environments.

Currently contributing as a Software Engineer at Signeasy, where I actively engage in learning new technologies and consistently tackle challenges in my work to drive positive results.

Experience

Software Engineer

Signeasy

Oct 2021 - Present (2 years 4 months)

1. Spearheaded the development of multiple microservices for an E-Signature product, overseeing API design and successfully migrating Signeasy core services to Python 3 and Kubernetes-based clusters.
2. Implemented efficient Dockerization of the majority of microservices, emphasizing minimal image sizes and deploying them on Kubernetes clusters for enhanced scalability.
3. Innovated the bulk sign feature, enabling the signing of multiple documents on behalf of users. Leveraged technologies such as Apache Airflow and Python to achieve seamless functionality.
4. Orchestrated the integration of Auth0 with Signeasy for robust authentication. Executed a lazy migration strategy to seamlessly transition Signeasy users to Auth0 and implemented custom Rules.
5. Took charge of re-architecting a proxy service to maintain seamless integration post core service updates, ensuring backward compatibility for existing API clients.
6. Revamped the real-time user notification architecture for transactional events, optimizing webhooks and email integrations. Utilized AWS services including SNS, SQS, and Lambda for a more streamlined and efficient system.

Software Engineer

(UniCourt India) Mangalore Infotech Solutions Private Limited

Jun 2019 - Sep 2021 (2 years 4 months)

1. Participated in the design, planning, and implementation of a novel microservice tasked with extracting data from a 3rd party API based on specific criteria. Executed multiple jobs, each with distinct

criteria, and served the acquired data to data entry operators. The operators then input party addresses for a case, and the information is subsequently pushed to an external system.

2. Developed a frontend application for data entry operators to input and manage data efficiently.

3. Transitioned the frontend application from Flask to Vue.js, transforming it into a Single Page Application (SPA) for enhanced performance and user experience.

4. Engineered a query builder in Angular capable of generating raw queries for Elasticsearch, contributing to improved data retrieval and analysis.

5. Proficiently utilized container services such as Docker and Kubernetes to optimize deployment and scalability of applications.

6. Proactively designed and implemented new APIs for the application as needed, showcasing adaptability and responsiveness to evolving project requirements.



Intern

(UniCourt India) Mangalore Infotech Solutions Private Limited

Jan 2019 - Jun 2019 (6 months)

1. Created a proof of concept system which pull data from manticoresearch for specific criteria and serve data entry operator to add address.

Education



St. Aloysius Institute of Education, Mangalore

Master of Computer Applications - MCA, Information Technology

Apr 2016 - Jun 2019



Anjuman Arts, Science & Commerce College and PG Center, Bhatkal.

Bachelor of Science - BS, Computer Science

2013 - 2015

Skills

Flask • Docker • Django • Code Review • Python (Programming Language) • FastAPI • MySQL • Amazon Web Services (AWS) • Gin • Go (Programming Language)

Honors & Awards

Star Performer of the Quarter - Signeasy

Feb 2023