P Srikanth Kini

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Education

Arizona State University — Tempe, AZ
MS in Computer Science *GPA: 4.0/4.0* — Aug 2021 - May 2023

VIT University — Chennai, TN
B.Tech in Computer Science and Engineering *GPA: 8.71/10* — Jul 2015 - May 2019

Work Experience

Apple Inc. — Cupertino, CA
Software Delivery - Software Engineer Intern — May 2022 - Aug 2022

- Transitioned CI/CD infrastructure (Jenkins) from bare-metal servers to ACI Kube (Kubernetes), enhancing operational efficiency.
- Created specialized Helm charts for the deployment of stateful Jenkins worker nodes, optimizing the execution of CI/CD jobs.

Netskope Inc. — Bengaluru, KA
API-Enabled Protection - Member of Technical Staff — Jan 2019 - Jul 2021

- Assumed ownership of Netskope's API driven service for O365 Suite, responsible for end-to-end development and delivery of security features such as DLP scanning and threat protection across apps.
- Engineered micro-services to efficiently handle high-volume notifications from SaaS vendors, utilizing Kafka for data ingestion and asynchronous processing through Redis and Celery.
- Collaborated with experienced engineers to design and deploy a resilient, scalable, and distributed data pipeline, aimed at safeguarding sensitive data through policy-based controls across multiple SaaS platforms.
- Worked closely with UI/UX designers for feature development, QA teams for comprehensive testing, and SRE teams for root cause analysis and debugging of production issues.
- Achieved significant improvements in end-to-end notification processing time by optimizing API calls and implementing efficient rate-limiting strategies across multiple SaaS platforms.

Technical Skills

Languages:	Python, Java, C/C++, Javascript, GoLang
Libs/Frameworks:	Flask, Django, FastAPI, SpringBoot, NodeJS, React, TailwindCSS
Databases:	MongoDB, MySQL, PostgreSQL, DynamoDB, Redis, Cassandra
Tools:	Kafka, Celery, AWS, Docker, Kubernetes, Linux
Other:	Object Oriented Analysis and Design, SOLID Principles, Design Patterns
Misc:	Test Driven Development (TDD), RESTful Architecture, Agile Methodologies

Projects

Facial Recognition Using Cloud *AWS (EC2, SQS, S3, DynamoDB, Lambda), Python, Flask*
https://github.com/srikanth100/CC-546-Project
A three-tier web architecture system that provides facial recognition using AWS resources.

Real-time identification using IOT and AWS *Python, AWS Lambda, DynamoDB, Raspberry PI*
https://github.com/srikanth100/CC-546-Project-2
An application that provides real-time face recognition using video capture from Raspberry PI camera and deep learning model classification using AWS Lambda.

CRM - Customer Relationship Management System *Python, Django, HTML, MySQL*
https://github.com/srikanth100/django-crm
Implemented a Django-based CRM system employing Django's built-in authentication and permission features.

Awards

Received multiple spot bonuses at Netskope for having deep customer empathy and playing a pivotal role in enhancing exposure detection and resolving customer-critical defects in production for the O365 suite.

Recognized with the Innovation Award at Netskope: For successfully revamping various microservices that significantly impacted thousands of customers.