P Srikanth Kini

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EDUCATION

ARIZONA STATE UNIVERSITY
MS in Computer Science
May 2023 | Tempe, AZ
Cum. GPA: 4.0 / 4.0

VIT UNIVERSITY
B.Tech in Computer Science
May 2019 | Chennai, Tamil Nadu, IN
Cum. GPA: 8.71 / 10.0

LINKS

Github:// **srikanth100**
LinkedIn: // **srikanthkini**

SKILLS

PROGRAMMING
Over 10,000+ lines:
Python • Java • • Typescript
Over 2500+ lines:
C • C++ • HTML5 • CSS3 • Typescript • Bootstrap • NodeJS
Familiar:
GoLang • Bash

FRAMEWORKS
Spring Boot • Flask • Django • React

TOOLS
Redis • Kafka • Docker • Kubernetes • Celery • Git • Linux • MySQL • AWS • Postman • JIRA

OTHER SKILLS
Object oriented analysis and design
SOLID principles
Design patterns
RESTful architecture
Agile Development
Test Driven Development

COURSEWORK

GRADUATE
Foundation of Algorithms
Cloud Computing
Computer Systems and Security
Data Processing at Scale

UNDERGRADUATE
Data Structures and Algorithms
Object Oriented Programming
Operating Systems
Computer Networks
Database Systems

EXPERIENCE

TOMNET UTC | Graduate Research Assistant
Aug 2022 - May 2023 | Tempe, AZ
- Designed a dynamic visualization application for the American Time Use Survey (ATUS) dataset using React, Typescript, CSS and d3.js.
- Refactored and published a synthetic population generator framework built using Python.

APPLE INC. | Software Engineering Intern
May 2022 – Aug 2022 | Cupertino, CA

- Efficiently transitioned Jenkins CI/CD infrastructure from bare-metal servers to Kubernetes, resulting in enhanced operational efficiency.
- Streamlined job execution by automating linkage between Jenkins and Kubernetes using Python.

NETSKOPE INC. | Member of Technical Staff - 2
Jul 2019 – Jul 2021 | Bengaluru, Karnataka, IN
- Owner of the Python API integration for O365 Outlook, built features and optimized code with 100% unit test coverage.
- Engineered microservices to manage high-volume push notifications from SaaS vendors, utilizing Kafka for efficient staging, and Celery with Redis for distributed, synchronous notification processing.
- Improved end-to-end processing time by a factor of 5 in email processing through API call reduction and rate limit management, thereby optimizing overall system functionality.
- Contributed to the design and development of a robust microservice, aimed at securing files and folders by implementing data loss prevention (DLP) policies.
- Built features to protect sensitive files and folders in SaaS apps by performing actions through REST API integration using Python and Flask.

PROJECTS

ELASTIC WEB APPLICATION | Python, Flask, AWS (EC2, SQS, S3)
- Developed a user-centric web application leveraging AWS EC2, SQS, and S3, delivering image recognition as a service.
- Deployed a scalable three-tier architecture (web, app, and data tiers) using AWS resources, facilitating elastic scalability.

E-COMMERCE APP | Java, Spring Boot, MongoDB, MySQL
- Developed a full stack web-application using Java and Spring Boot.
- Built 4 different micro-services using MySQL and MongoDB for persistence, using Kafka for asynchronous communication.

AWARDS

- Recipient of Netskope Innovation Award for bringing continued success as part of the home team.
- Recipient of Engineering Graduate Fellowship for outstanding academic achievement.