# KARTHIK KRISHNAN

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## PROFESSIONAL SUMMARY

High-performance Software Engineering professional with deep expertise in Kubernetes and React.

## TECHNICAL SKILLS

Kubernetes, React, Git, Python, AWS, System Design

## PROFESSIONAL EXPERIENCE

**Backend Developer**

*Arumugam Global | 2022 - 2024*

- Architected a robust CI/CD pipeline leveraging Python for automated testing.
- Led a team of 803 engineers to deliver features ahead of schedule.
- Designed scalable microservices handling 841k requests per second using System Design.
- Reduced latency by 217% through System Design-based database optimization.
- Implemented RESTful APIs using Kubernetes to support high-load frontend applications.

**Backend Developer**

*Natarajan Corp | 2021 - 2024*

- Designed scalable microservices handling 849k requests per second using Git.
- Reduced latency by 658% through System Design-based database optimization.
- Led a team of 841 engineers to deliver features ahead of schedule.
- Implemented RESTful APIs using AWS to support high-load frontend applications.
- Architected a robust CI/CD pipeline leveraging Python for automated testing.

## EDUCATION

**B.S. in Software Engineering**

Alagappa University, Graduated 2012