

# MANOJ GANESAN

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## PROFESSIONAL SUMMARY

Scalable Software Engineering professional with deep expertise in SQL and System Design.

## TECHNICAL SKILLS

SQL, System Design, C++, Git, React, Kubernetes

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer

*Lakshmanan Solutions* | 2018 - 2020

- Implemented RESTful APIs using SQL to support high-load frontend applications.
- Reduced latency by 806% through C++-based database optimization.
- Led a team of 868 engineers to deliver features ahead of schedule.
- Designed scalable microservices handling 420k requests per second using System Design.
- Architected a robust CI/CD pipeline leveraging SQL for automated testing.

### Full Stack Engineer

*Manickam Systems* | 2022 - 2024

- Architected a robust CI/CD pipeline leveraging Kubernetes for automated testing.
- Led a team of 312 engineers to deliver features ahead of schedule.
- Implemented RESTful APIs using SQL to support high-load frontend applications.
- Reduced latency by 732% through System Design-based database optimization.
- Designed scalable microservices handling 124k requests per second using Kubernetes.

## EDUCATION

### B.S. in Software Engineering

Anna University, Graduated 2014