

# SENTHIL KUMARAN SANTHOSH GOPAL

[hello@senthil.nz](mailto:hello@senthil.nz) ♦ [senthil.nz](https://senthil.nz)

## SKILLS

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<b>Programming Languages</b>	C#, Typscript, Javascript, Sql
<b>Database</b>	MS SQL(Relational), Cosmos DB(NoSql)
<b>Frameworks</b>	.Net/.Net core, Azure functions, React, EF/EFCore
<b>Cloud Technologies</b>	Azure, AWS
<b>Others</b>	Azure ADB2C(Entra), IAM, Event hub, Octopus Deploy, Azure DevOps

## EXPERIENCE

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<b>Senior Backend Reliability engineer</b> Tradify	Dec 2024 - Present <i>Auckland, NZ</i>
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- Led migration of SQL Server on Azure VM to Azure SQL Database, improving scalability and maintainability, ensuring data integrity, minimizing downtime, and reducing infrastructure costs with zero downtime

<b>Full Stack Engineer</b> My Food Bag	Jul 2022 - Nov 2024 <i>Auckland, NZ</i>
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- Led the development of rolling campaign platform for MyFoodBag customers using Azure services, resulting in reactivating customers and retain them throughout the campaign period which increased in 40% sales.
- Led and developed Web-Queue-Worker style data integration project using CosmosDb, Azure functions ingesting data from product life-cycle management tool, resulting in streamlined experience for chefs sending data to digital team.
- Designed and deployed fully automated CI/CD platform using Azure devops, Octopus deploy, ARM templates for PR,Test and Prod to automate business critical warehouse operation integration project.
- Constructed and optimised warmup behaviour of our Public facing APIs using health checks and monitoring using Azure dashboards, resulting in 90% decrease in response time during the scaling events.
- Worked on modernising .net apps, DevSecOps practices using SonarQube, Nuget feeds helped development team always stay secure throughout the SDLC process.
- .NET developer with experience building APIs applying SOLID principles, CQRS, and TDD patterns to solutions.

<b>Associate Software Engineer</b> Nintex	Sep 2020 - Jul 2022 <i>Auckland, NZ</i>
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- Contributed on developing Event aggregation platform using Microservice and docker for Nintex Promapp.
- Collaborated and developed reporting feature for Promapp using ODATA protocol, Hangfire.
- Developed and optimised the product search engine using Azure Cognitive Search, enhancing the overall search functionality and user experience, resulting in 90% reduction in customer complaints about Promapp's responsiveness.
- Demonstrated consistent application of TDD methodologies in day-to-day software development practices.

<b>Software developer</b> Infosys	Nov 2015 - Feb 2019 <i>Chennai, India</i>
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- Led multiple cross-functional teams, actively participating in technical design, development, testing, and go-live support processes, resulting in significant client savings equivalent to hundreds of Full-Time Equivalents (FTEs).
- Developed and worked on windows applications using C#, .net framework.

## EDUCATION

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**Master of Information Technology**, University of Auckland

2019 - 2020

- First Class Honours
- Specialized in Programming, Cloud computing, Project management, Machine Learning.

## CERTIFICATIONS

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- 2024 — AZ-400 Designing and Implementing Microsoft DevOps Solutions
- 2023 — AZ-204 Developing Solutions for Microsoft Azure
- 2021 — AZ-900 Azure fundamentals
- 2020 — AWS Cloud Practitioner