

LIM YU YONG KEITH

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Professional Summary

Software Engineer with around 2 years of experience building and maintaining enterprise web applications using C#, [ASP.NET](#) Core, Angular, TypeScript, and SQL Server. Currently working on production systems at NCS across client-facing and dealer-facing platforms, with exposure to Azure and monitoring in distributed Agile teams.

Core Skills

- Languages: C#, TypeScript, JavaScript, SQL.
- Front End: Angular, React, Bootstrap, HTML, CSS.
- Back End: [ASP.NET](#) Core, [ASP.NET](#) Web Forms, RESTful application development, SQL Server stored procedures.
- Cloud & DevOps: Azure, Docker, Kubernetes, Git.
- Practices: Agile, Scrum, bug fixing, feature delivery, stakeholder collaboration, database schema changes.

Professional Experience

NCS — Software Engineer

Jul 2024 – Present

Bridgestone Project

Apr 2025 – Present

Client-facing and dealer-facing web administration platform serving users across North America, Europe, and South America.

- Develop and debug full-stack features using Angular, TypeScript, [ASP.NET](#) Core, and SQL Server for a production web administration platform used by clients and dealers globally.
- Support a large technology refresh by delivering production bug fixes and new features across front-end, back-end, and database layers.
- Perform database schema changes and SQL development to support evolving application requirements and platform reliability.
- Use Azure, Git, and Azure Monitoring while collaborating in an Agile Scrum team that coordinates with offshore teammates and overseas stakeholders.
- Participate in requirement clarification discussions with product owners and stakeholders to translate business needs into working software.

Tech: Angular, TypeScript, [ASP.NET](#) Core, SQL Server, Azure, Azure Monitoring, Git

Medicclaim Project

Nov 2024 – Mar 2025

Claims platform used by Singapore users to access claim information and supporting claim documents.

- Contributed to a technology refresh by updating UI components with HTML, CSS, Bootstrap, and [ASP.NET](#) Web Forms.
- Built a credential-validation and claim-document retrieval module using [ASP.NET](#) and C#, enabling users to securely access claim records.
- Developed and debugged SQL Server stored procedures to support CRUD operations and document retrieval workflows.
- Performed data patching through stored procedures to support data handling and operational fixes.

Tech: C#, [ASP.NET](#), [ASP.NET](#) Web Forms, Bootstrap, HTML, CSS, SQL Server.

Projects

Final Year Project — Travel Sharing Mobile Application

Aug 2023 – May 2024

- Built a full-stack mobile application for travel sharing using React Native, Expo Go, JavaScript, HTML, and CSS.
- Created wireframes and a sitemap to define application flows and structure before implementation.
- Hosted the application on Firebase and integrated Firebase Authentication and Firebase Storage for user data, itineraries, images, and descriptions.
- Integrated the OpenAI API to generate personalized itineraries for users.

Tech: React Native, Expo Go, JavaScript, HTML, CSS, Firebase, OpenAI API.

Education

National University of Singapore (NUS)

Master of Technology (Software Engineering)

Jul 2024 – Present

Nanyang Technological University (NTU)

Bachelor of Engineering (Honours), Electrical and Electronic Engineering
Specialisation in Computer Engineering

Aug 2020 – May 2024

Certifications

- Certified Kubernetes Application Developer, The Linux Foundation, 2026
- Kubernetes and Cloud Native Associate, The Linux Foundation, 2026.
- Certified Blockchain Developer, Blockchain Council, 2025.

- Professional Scrum Developer, [Scrum.org](https://www.scrum.org), 2024.