

XUAN TRINH (June)

Full-Stack Developer | .NET & Next.js Specialist | REST API | GraphQL

Melbourne, Australia

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GitHub: github.com/thanchi-tr

Portfolio: <https://junettrinh.dev/>

Professional Summary

A **Full-Stack** Developer with 3 years of experience building high-performance web applications using .NET Core and Next.js. Expertise in architect **Scalable Software systems** and implementing **real-time WebSocket communication(SignalR)** for seamless user interactions, and CI/CD automation. Passionate about leveraging cutting-edge technologies and industry best practices to develop **efficient, maintainable, and future-proof software solutions** with an **intuitive UI and seamless user experience**.

Technical Skills

- **Backend:** .NET Core, ASP.NET, ASP.NET core, Node.js, RESTful & GraphQL APIs, ExpressJs
 - **Frontend:** HTML & CSS, Next.js, React.js, Javascript, TypeScript, Tailwind CSS, FramerMotion, Angular, jQuery, Ajax.
 - **Real-Time Technologies:** SignalR, WebSockets
 - **Database Management:** PostgreSQL, Microsoft SQL Server, MongoDB
 - **Cloud & DevOps:** Docker, AWS (S3, RDS, EC2), CI/CD Pipelines (GitLab, Github)
 - **Testing & Security:** Automated unit and integration testing using xUnit & Jest; implemented OWASP security measures for API hardening
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Professional Experience

Jung Talents

Jan-2023 - Current.

- *Architected and deployed a high-performance .NET application, leveraging **Test-Driven Development (TDD)** for faster, bug-free releases*
- *Revamped Landing Page UI/UX, leading to a **22% increase in average conversion rate***
- *through modern design and performance optimizations.*
- *Optimized database queries, improving API response times and increasing overall **application speed by 35%***
- *.*
- *Maintained and enhanced a critical production application, ensuring **99.9% uptime and seamless***
- *user experience.*
- *Integrated Docker-based CI/CD pipelines, reducing **deployment time by 40%***
- *and improving development efficiency.*

Commercial Project

Automation in examination system at PTE Master/PTE Platform

Jan 2023 – Present

Achievements:

- Built a .NET Core Microservices API with Load Balancer, reducing **server load by 40%** while maintaining modular scalability.
- Optimized PostgreSQL queries, **reducing response times by 35%** at the cost of additional initial indexing overhead.
- Implemented CI/CD Pipelines using GitLab, cutting deployment time by 40%, but requiring an increased DevOps learning curve.
- Reduced cloud infrastructure costs by 25% by optimizing compute resource allocation in AWS without sacrificing performance.

Carina Eye Care

Jun 2023 – December 2023

Achievements:

- **Reduced no-show rates by 15%** through automated appointment reminders, increasing SMS cost overhead.
- Optimized SQL Server indexing, reducing query **execution time by 30%**.

- Migrated to Next.js, **improving page load speed by 50%**, by optimising server-side rendering (SSR).
- Cut content update time by 70% through a user-friendly CMS, increasing staff efficiency.

Compare n Save (contract)

Jul 2022 – Jan 2023

Achievements:

- Migrated to GraphQL, **reducing no-show rates by 16%** through automated appointment reminders, increasing SMS cost overhead.
 - Optimized SQL Server indexing, adopting GraphQL to aid in **reduceover-fetching by 60%**.
 - Implemented Redis caching, cutting **API response time by 35%**, at an increasing memory usage costs.
 - Optimized UI rendering, **decreasing FCP time by 43%** via frontend refactoring
 - **Integrated Storyblok CMS**, allowing non-technical staff to update content, via custom API integrations.
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Personal Projects

FizzBuzz Real-Time Multiplayer Game

Achievements:

- Built a highly optimized SignalR WebSocket communication layer, reducing network latency and enabling real-time communication..
 - Optimized server-side game state management, reducing redundant API calls by 40%.
 - Developed a fully responsive UI, ensuring seamless gameplay across all devices.
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Education

Bachelor of Science

Major in Computing and Software System
University of Melbourne
2018 – 2023

Languages

- Vietnamese(Native)
 - [English \(Professional Proficiency\)](#)
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