# XUAN TRINH (June)

**Full-Stack Developer | .NET & Next.js Specialist**

Melbourne, Australia
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## 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**.

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## Technical Skills

- **Backend:** .NET Core, ASP.NET, Node.js, RESTful & GraphQL APIs, ExpressJs
- **Frontend:** Next.js, React.js, TypeScript, Tailwind CSS, FramerMotion, Angular.
- **Real-Time Technologies:** SignalR, WebSockets
- **Database Management:** PostgreSQL, 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

### PTE Master/PTE Platform
*Melbourne, Australia*
*Full-Stack Developer*
*Jan 2023 – Present*

- Contributed to the development of microservices using .NET Core, enhancing system scalability.

- Integrating NLP models for real-time feedback in a language assessment platform, leading to increased student engagement.
- Designed and implemented UX/UI improvements, increasing conversion rates by 28%
- Participated in implementing CI/CD pipelines using Docker and GitLab, streamlining deployment processes.

**Achievements:**

- Collaborated in reducing cloud infrastructure costs by 25% through resource optimization.
- Contributed to enhancing application speed via reducing queries response time by 35%.
- Implement a Load balancer to help reduce server load by 50%.

## Carina Eye Care
*Melbourne, Australia*
*Full-Stack Developer*
*Jun 2023 – December 2023*

- Designed and implemented an automated appointment booking system using Next.js and .NET Core, significantly reducing manual scheduling efforts and improving operational efficiency.
- Participated in optimizing SQL Server indexing, enhancing database performance.
- Contributed to integrating a custom CMS, facilitating efficient content management for clinic staff.

*Achievements:*

- Helped decrease no-show rates through the implementation of automated reminders.
- Supported initiatives that increased organic website traffic via SEO strategies.

## Compare n Save
*Melbourne, Australia*
*Full-Stack Developer*
*Jul 2022 – Jan 2023*

- Assisted in migrating legacy systems to .NET Core and GraphQL, improving API response times by 35%.
- Contributed to developing a React-based user interface, enhancing user retention.
- Participated in implementing Redis caching, optimizing backend processing.

*Achievements:*

- Supported UX/UI enhancements that boosted conversion rates by 15%.
- Assisted in improving system scalability, accommodating increased user loads by reducing over fetching by 60%.

- Integrating Storyblok CMS that enable non-technical staff to contribute to the content delivery process.

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# Education

**Bachelor of Computer Science-**

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

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# Personal Projects

## FizzBuzz Real-Time Multiplayer Game

- Developed a real-time multiplayer version of the FizzBuzz game using Next.js and .NET Core.
- Implemented SignalR for real-time communication, achieving low-latency interactions.
- Integrated Auth0 for user authentication, ensuring secure access.
- Achieved comprehensive unit test coverage using Jest and xUnit.

*Achievements:*

- Optimized game state handling to support numerous concurrent users with high uptime.
- Enhanced user engagement through responsive design and real-time feedback.

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# Languages

- Vietnamese(Native)
- English (Professional Proficiency)

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