Xuan (June) Trinh

.NET ,UI/UX Design, Nextjs, Angular Application Development

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Profiles

 June Trinh   Xuan (June) Trinh   Xuan Trinh

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.

Experience

Jung Talents   January 2023 - Current
Full-Stack Developer

 https://www.jungtalents.com/

- **Carina Eye Care** – Contributed to the development of a modern, responsive website for an optical clinic. The platform serves as the clinic's digital landing page, supporting core functionalities such as online appointment scheduling and patient record management.

- **Green Bench Migration** – Currently leading a team of 3 engineers in a high-impact migration project. Initially developed with .NET 8.0, we are upgrading the platform to .NET 9.0 while refactoring legacy code and optimizing SQL queries to enhance system performance and maintainability.

- **PTE Master** – Spearheaded enhancements to the search algorithm and personalized course recommendation engine. This platform empowers students to identify knowledge gaps and engage in adaptive practice sessions tailored to their individual weaknesses, resulting in a more intuitive and effective learning experience.

- **Compare and Save** – Delivered robust logic for category-based search optimization using Next.js, React.js, and AWS services. The application functions as a financial loan comparator, helping users minimize borrowing costs through dynamic filtering and intelligent comparison features.

- **Landing Page Revamp** – Led the redesign of core UI/UX components, resulting in a **22% increase in average conversion rates** by improving visual hierarchy, accessibility, and user flow.

- **Database Performance Optimization** – Refactored and fine-tuned critical SQL queries, leading to a **35% improvement in API response times** and significantly boosting platform responsiveness.

- **Production System Maintenance** – Maintained and iteratively enhanced a mission-critical production application, achieving **99.9% uptime** while improving system resilience and user satisfaction through proactive monitoring and hotfix deploymen

Jung Talents   Febuary 2022 - January 2023
Backend Developer - Contractor

 https://www.jungtalents.com/

(12-month contract)

- Assigned to a cross-functional team for the PTE Master commercial platform.

- Assisted in migrating the system architecture from modular monolith to microservices to improve scalability and maintainability.

- Collaborated on optimizing backend services using Entity Framework Core and LINQ, significantly enhancing data consistency and query performance.

- Contributed to the development of real-time features and exam flow logic, ensuring reliability and stability by adhering to a Test-Driven Development (TDD) lifecycle.

Skills

ASP.NET Core	NextJs	C#	Typescript/Javascript
●●●●○	●●●●○	●●●●●	●●●●○
Backend, Framework	Frontend, Framework		
WebApi.NET	**GraphQL**	**LINQ**	**Angular**
●●●●○	●●●○○	●●●○○	●●●○○
AWS- S3, EKS, Ec2, RDs	**PostgresSQL**		
●●●○○	●●●●○		

Projects

PTEPlatform   Feb 2022 - Present
Build the platform from scratch, Intergrate pre-trained AI model into compiling, validate student test.

 https://www.masterpte.com.au/, https://pteplatform.com/

- 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

NextJS, TailwindCSS, Typescript, Docker, Jira, PostgresSQL, ASP.NET Core, Apache Kafka, Redis, Serilog, Jest, xUnit

Green Bench Migration   Nov 2024 - Present
Upgrade Platform from .NET 8.0 to .NET 9.0. As well as, update front end UI.

 https://greenbench.com.au/

- Lead a team of 3 Developers.

- Optimised SQL and optimised **fetch time by 22%**

- **Achieve 99% test coverages.**

Angular, Typescript, ASP.NET Core, PostgresSQL, Redis, GraphQL, xUnit, TailwindCss, Scss, EKS, s3

CarinaEye Care   june 2023 - December 2024
Modernise old, outdated platform.

 https://carinaeyecare.com.au/

- 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

NextJS, Typescript, TailwindCss, Framer Motion, ASP.NET Core, Docker, PostgresSQL, EKS, S3

Compare n Save   July 2023 - Jan 2024
Comparen Save allows users to compare 100s of home loans and investment loans from Australia ́s most trusted lenders.

 https://comparensave.com.au/

- 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 reduce **over-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 integration

Headless CMS, GraphQL, ReactJs, PostgresSQL, Jira, Redis, ASP.NET Core, Docker, EKS, TailwindCSS, Typescript, Jest, xUnit, Angular

Personal Projects

Portfolio Website   - Current
My personal brand/ website which illustrate my art sense, animation style.

 https://junetrinh.dev/

- An Artistic exploration of animation and color palette to convey a clean, futuristic, dreamy feeling while maintaining a professional layout. Website intentionally expresses my personality (playful, colourful) alongside a logo with the slogan (iterative innovation) that captures my life goal.

- Built with Next, Tailwind css and Framer motion.

NextJs, TailwindCss, FramerMotion, GSAP

Multiplayer Fizz Buzz   June 2024 - Jan 2025
Real time, multiplayer game

 https://github.com/thanchi-tr/FooBooRealTime-front-next, https://github.com/thanchi-tr/FooBooRealTime-back-dotnet

An exploration of RPC using signalR, Application is built with NextJs and DOTNET core (Web API & SignalR). With integration of Auth0, Serilog in order to preserve the Security standard.

SignalR, NextJs, ASP.NET Core, WebApi.NET, Auth0, Serilog, MsSql

Education

University Of Melbourne   2018-2023
Major in Computing and Software system.   Bachelor of Science

Languages

English	**Vietnamese**
Proffesionally profitcency	Professionally Proficiency
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Work right

Full work right (Australian Citizen)

References

Reference available upon request.