

TAN NGUYEN (WINSTON)

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EDUCATION

Bachelor of Engineering in Software Engineering

Carleton University, Ottawa, ON

Graduation: June 2022

- **CGPA:** 3.7/4
- **Related Coursework:** Object-Oriented Development, Software Architecture & Design, Database Management, Software Requirements, Human-Computer Interaction

SKILLS

- **Languages:** JavaScript, Java, SQL, HTML/CSS
- **Technologies:** React, Next.js, Three.js, Tailwind, Chakra UI, Redux, PostgreSQL
- **Tools:** Git, Visual Studio Code, Figma, DataGrip, Postman, Microsoft Office

WORK EXPERIENCE

Junior Frontend Developer

Zentech Inc., Ottawa, ON (Remote)

September 2023 – December 2023

- Collaborated with UX/UI designers to assess 50+ design concepts and provided constructive feedback to enhance frontend feasibility
- Translated 10+ design mock-ups into functional and responsive web interfaces while ensuring consistent user experiences across various browsers and devices
- Executed a strategic migration for the frontend of a web application from its existing stack to React, leading to a 30% improvement in page load times
- Implemented dynamic features using React and integrated state management with Redux, resulting in a 15% increase in application efficiency

IT Consultant

FDM Group, Toronto, ON

August 2022 – August 2023

- Contributed to the design and development of a scalable platform using React, Node.js, Express.js, and MongoDB within an Agile team
- Produced comprehensive unit and integration test suites using Jest, achieving a 98% test coverage for critical application components and a 20% decrease in post-release bugs
- Designed and optimized PostgreSQL database schemas, reducing query response time by 25% and improving overall performance by 33%

APPLIED PROJECTS

Real Estate Listing Platform

Designed and implemented a dynamic real estate platform using React and Next.js, featuring interactive property listings and advanced search filters, to provide efficient solutions for seamless property exploration and connectivity

E-commerce Platform

Designed and developed an interactive e-commerce platform with real-time products updates and 3D product visualization using React Three Fiber and Three.js, allowing customers to personalize their shopping environments and enhancing the overall online experience