

Kiet Tuan Vuong

613-715-3402

vuontuankiet@gmail.com • linkedin.com/in/vuong-tuan-kiet • github.com/vuon0029
503-1755 Frobisher Lane, Ottawa, Ontario, K1G 3T6

PROFESSIONAL SUMMARY

Versatile software developer with over 3 years of experience building scalable, secure, and user-friendly web applications. Skilled in ReactJS, React Native, JavaScript, TypeScript, and API integrations (Stripe, AWS DynamoDB, Firebase), focusing strongly on performance optimization and collaborative development. Proven ability to work with cross-functional teams to solve complex problems and deliver impactful solutions.

SKILLS

- **Front-End Development:** ReactJS, JavaScript, TypeScript, React Native, NextJS, React Hooks, Redux, React Context API, CSS, Sass, Styled Components, Bootstrap, HTML
- **Backend & APIs:** RESTful, NodeJS, GraphQL, AWS (Lambda, DynamoDB, S3, EC2, IAM), Firebase (Realtime Database, Cloud Messaging), Stripe API, Google & Apple Maps API
- **Development Tools & Collaboration:** Agile Methodologies, Trunk-Based Development, Continuous Delivery, CI/CD Pipelines, GitHub, GitLab, Jira, Ubuntu, Bash
- **UI/UX Design:** Figma, Responsive Design, User Interface and Experience Optimization
- **Soft Skills:** Clear technical documentation, teamwork in diverse settings, strong oral and written communication, strong workload management

WORK EXPERIENCE

Front End Developer

Aug 2022 - Aug 2024

Treehouse Medical Inc. • Ottawa, Ontario

- Developed scalable solutions for Treehouse, a maternal care platform, fostering community connections and delivering personalized wellness services
- Translated user and business requirements into innovative features, ensuring applications met client needs and provided meaningful impact.
- Collaborated with cross-functional teams to design and implement intuitive user experiences, leveraging tools like Figma to streamline design and development.
- Recommended and supported the migration of front-end infrastructure from React Native to ReactJS, achieving a 35% reduction in website load time, boosting performance and user retention.
- Integrated Stripe API to enable secure and seamless subscription services, improving the reliability of payment workflows.
- Reduced bug resolution time by 25% through the implementation of Sentry.io, significantly enhancing platform stability and ensuring a smooth user experience.
- Designed and developed a customizable form builder, reducing form creation time by 40% and streamlining provider-client data collection.
- Utilized GitLab CI/CD pipelines to automate code deployment, ensuring a robust and scalable development framework.

Algonquin College of Applied Arts and Technology • Ottawa, Ontario

- Led the development of Smart Tenant, a mobile app connecting tenants with their local communities, ensuring a user-friendly experience and meeting project milestones.
- Built a secure real-time messaging feature using Google Firebase Realtime Database, enabling seamless communication between users.
- Played a key role in developing POPTikR, a mobile app that enables users to discover local deals on goods and services.
- Designed and implemented geolocation functionality using Google & Apple Maps APIs, ensuring precise and user-friendly navigation.
- Built a scalable backend leveraging AWS Amplify, Lambda, and DynamoDB, resulting in a 10% reduction in load time and improved backend stability.
- Optimized multi-platform (Android/iOS) development using React Native, enabling faster development cycles and consistent user experience across devices. Utilized TypeScript to ensure type safety and reduce runtime errors, improving code maintainability and scalability.
- Streamlined collaboration using GitHub for version control and issue tracking, enabling efficient codebase management and reducing deployment errors by 20%.

EDUCATION

Mobile Application Design & Development • Aug 2019 - Apr 2021

Algonquin College of Applied Arts and Technology • Ottawa, Ontario

Overall GPA 3.31. The program provided hands-on training in web and mobile development, cross-platform technologies, and UI/UX design. Gained practical experience in designing scalable applications, responsive interfaces, and implementing full-stack solutions through real-world projects

AWARDS AND HONOURS

First Place - RE/ACTION Showcase - Ottawa Grassroots Festival • 2021

Directed the development of a mobile app for the Ottawa Grassroots Festival, a non-profit, community-based, volunteer-run organization. The app enhances event discovery and artist engagement, focusing on user-friendly design and community impact. Delivered a presentation to over 200 attendees, showcasing the app's intuitive features and technical innovation.

<https://ottawagrassrootsfestival.com/algonquin-college-mobile-app-team/>

First Place - RE/ACTION Showcase - Smart Tenant • 2022

Led a team of two developers to create a mobile app connecting tenants with their local community. Highlighted innovative features like real-time messaging and seamless navigation during a virtual presentation to 200+ attendees, including judges and employers.

<https://www.algonquincollege.com/applied-research/2022/07/smart-tenant-2/>