TRAN MANH HIEP NGO

Software Developer

About Me

- Versatile Full-Stack Developer skilled in JavaScript, ReactJS, Node.js, MongoDB, and React Native.
- Specializes in creating scalable, user-focused applications with clean code and optimized performance.
- Driven to deliver intuitive solutions that enhance user experience and functionality.

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Skills

- Java | C++ | C# | HTML | CSS | Python | SQL | ReactJS | React Native | Node.js | Firebase | Kotlin | Android Development | Redux | Jest | Git | CI/CD | AsyncStorage | RESTful APIs | MVVM Architecture | Material Design | SQLite | Unity | Game AI | Shaders Programming | Mobile Game Development | Cross-Platform Development

Education

Centennial College

- Game Programming - Software Engineering Technology Advanced
  Jan 2021 - April 2024

CourseA

- Meta Android Developer Professional Certificate
  May 2024 - Aug 2024
- Meta React Native Specialization
  August 2024 - Dec 2024

Experience

Software Engineering Internship

Holland Industry   **Toronto,ON**   **April 2023 - Dec 2023**

- Spearheaded on-site engineering operations in Toronto, collaborating seamlessly with a Vietnam-based development team to streamline the company's e-commerce platform.
- Executed rigorous app testing protocols to diagnose and remediate critical bugs, significantly elevating user experience and system performance.
- Engineered feature enhancements and implemented upgrades to align with technical standards and strategic objectives.
- Orchestrated timely resolution of technical issues during off-hours, ensuring uninterrupted platform functionality and maximizing operational efficiency.
- Delivered exceptional technical support to customers, troubleshooting website challenges and boosting user satisfaction.

Projects

Pet Wallet – Web Application Development

Jan 2023 – April 2023

- Architected and designed an intuitive website for pet care, enabling users and veterinarians to book appointments and engage in discussions on animal topics.
- Developed the frontend using ReactJS and the backend with Node.js, utilizing MongoDB for data storage and management.
- Completed tasks on schedule and assisted other team members in resolving errors and conflicts during GitHub integration.
- Implemented key features, including Sign In, Register (Owner and Veterinarian), Forgot Password, Home, Discussion, Appointment, and Pet pages, enhancing user engagement and experience.

Airline Schedule – Android App Development

Feb 2024 – April 2024

- Developed a robust and efficient Android application using Kotlin, integrating with GitHub for seamless collaboration and version control.
- Leveraged MS Office for strategic project planning and team coordination.
- Engineered the app with the Room Persistence Library to effectively add, modify, and delete data, ensuring high data integrity and reliability.
- Implemented Flow to dynamically query Room databases, providing real-time updates and optimized user experience through observable query result changes.

Extra-Curricular Activities

Volunteer, Animal Rescue

Guardian's Best   **Toronto, ON**   **Summer 2019**

- Provided information to visitors about the pet adoption process and assisted in finding the most compatible animal companions
- Managed parking arrangements for visitors and adopters