

Thieu Le

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Skills

Languages: PHP, JavaScript, TypeScript, Python, C++, C#, SQL, MATLAB

Technologies: React, React Native, Expo, Supabase, Unreal Engine, Python, C#, PHP, TypeScript, MySQL, Git, REST API, Jest, Selenium

Experience

Software Developer II, Paycom — Dallas, TX

Mar 2025 – Present

- Developed and launched new features for enterprise HR applications, enhancing usability and workflow efficiency for **37,500+** users (**React, TypeScript, PHP, MySQL**).
- Built a multi-currency expense management feature with real-world transaction date conversion rates, improving global reporting accuracy and international usability.
- Refactored legacy systems and resolved technical debt, increasing reliability and maintainability through comprehensive **unit test coverage**.
- Collaborated on cross-team initiatives to address **legal compliance requirements** and implement company-wide features, establishing development standards adopted by multiple teams.

Lab Assistant, University of Houston — Houston, TX

Jan 2023 – May 2023

- Redesigned **3D visualization pipeline** for micro-vessel and tissue models, improving rendering quality and performance for cancer research (**Unreal Engine 5, Python, C#**).
- Built and optimized data pipelines to enhance rendering accuracy and computational efficiency.

Projects

Full-Stack Mobile Developer | le-budget

React Native, Expo, TypeScript, Supabase, Figma

- Designed and built a full-stack mobile budgeting and debt payoff app, from Figma-based UI/UX to React Native components with light/dark mode support.
- Implemented categorized expense tracking with real-time daily summaries for Food, Transport, Bills, Shopping, and Entertainment.
- Developed a multi-step debt payoff planner calculating loan balances, interest, monthly payments, and projected debt-free timelines.
- Integrated Supabase for backend storage of users, expenses, loans, and planning data, enabling a scalable full-stack architecture.
- Created animated debt timeline visualizations with React Native Skia and applied modular component design using React Navigation for maintainability and extensibility.

Full-Stack Developer | Oil Quote Application

JavaScript, TypeScript, Django, React, MySQL, Git

- Developed a full-stack web application simulating a client-facing oil quote platform using Django and React.
- Implemented secure user authentication, profile management, and dynamic quote calculation features.
- Designed and integrated RESTful API endpoints for seamless communication between front-end and back-end.

Game Developer | Snack Attack

Unity, C#, Git

- Created interactive UI elements such as character selection, health bars, and loading screens.
- Implemented physics scripts for character movement, speed, and health systems to enhance gameplay dynamics.

Other Projects: MATLAB Arduino projects — ALU Calculator, robotics, audio processing

Education

University of Houston – BS in Computer Science, Minor in Mathematics

Dec 2024