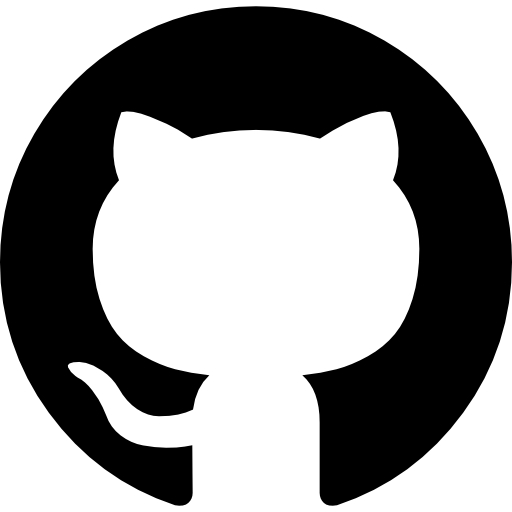
**TAN NGUYEN THANH**

**Software Engineer**

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 [GitHub](https://github.com/ThanhTanPM2000) -  [LinkedIn](https://www.linkedin.com/in/tan-nguyen-thanh-379b0b237/)

**EMPLOYMENT HISTORY**

**REAL ESTATE IQ (REMOTE) TEXAS, UNITED STATE**

**Junior Software Engineer: Oct 2022–Mar 2024**

* Led 2-intern team to develop and launch online tools and websites; prioritized and resolved many features and bug fixes
* Engaged in the process of hiring interns for internship positions
* Developed strategic insights and architecture across some projects

***Selected Project Experience:***

* Project Human Resource Tool:
  + Skill Development: Gained proficiency in both front-end (React) and back-end (AdonisJs) web development frameworks
  + Functionality: Created a robust HR website that enables effective employee management, salary calculations, and leave tracking
* Project Academic Courses Website:
* Video Manipulation Expertise: Demonstrated mastery of video transcoding and watermarking techniques utilizing Ffmpeg
* Scalability: solved the performance bottleneck associated with CPU-intensive tasks in Node.js by architecting a dedicated server and integrating RabbitMQ for efficient request handling
* Project Automation Tool:
* Hybrid Technology Skillset: Created a sophisticated Electron-based tool with React for a user-friendly UI
* Web Automation Achievement: learned and successfully implemented Puppeteer to automate data crawling tasks
* Advanced Achivement: Improved server-to-server communication by utilizing gRPC’s advantages over traditional RESTful APIs, leveraging HTTP/2 for enhanced performance rather than HTTP/1.1

**KEYREPLY COMPANY (REMOTE) DA NANG, VIET NAM**

**Software Engineering Intern: Jun 2021-Aug 2021**

* Get familiar with RESTful APIs and client-server architecture for the first time
* Integrate WhatsApp APIs into NodeJs server
* Cache analytic data for period days using Redis

**ACADEMIC PROJECTS**

**Wreflect - A website that enables teams to reflect on themselves based on a retrospective Oct 2021-May 2022**

* Gave me a chance to design and implement a website in a 5-person team using React, GraphQL, NodeJs, Prisma and PostgreSQL in 8-month Capstone project
* Allowed users to create tasks and manage team member progress, similar to Trello and other task management platforms. This website facilitates team members in self-reflection through the use of retrospectives in the Agile process. In addition, the system also ensures that all updates are displayed in real-time, allowing individuals in the workspace to easily view each other's latest changes

**EDUCATION**

**VAN LANG UNIVERSITY HO CHI MINH, VIET NAM**

***Bachelor of Engineering,* Jul 2018–Jul 2022**

Major in Software Engineering

Grade: Good

Relative Coursework: Software Architecture Analysis and Design, Object-oriented Analysis and Design, Introduction to Software Engineering, Computer Science for Practicing Engineers

Capstone Project: WReflect - A website that enables teams to reflect on themselves based on a retrospective

**ADDITIONAL INFORMATION**

* Programming languages: Javascript, Typescript, Python, HTML, and CSS
* Technologies: ReactJs, NextJs, Nodejs, AdonisJs, DJango, Electron
* Component Styling Libraries: Bootstrap, ChakraUi, Ant Design
* Others: Git, Docker, RabbitMq, gRPC
* Languages: English, Vietnamese (native)