JANNY TRAN (Ngoc Yen Nhi Tran)

Junior Software Engineer

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PROFILE

Junior Software Engineer with hands-on experience building full-stack, backend, and AI-assisted systems. Known for rapidly learning complex architectures, designing clean and maintainable solutions, and translating requirements into reliable software. Brings strong system thinking, ownership, and communication skills from a non-traditional design background. Seeking an early-career role where I can contribute to real-world systems while continuing to grow under strong engineering mentorship.

TECHNICAL SKILLS AND TOOLS

- **Programming & Core:** Python, C#, JavaScript, SQL
- **Backend & APIs:** ASP.NET Core, REST APIs, Microservices
- **Frontend:** React, Tailwind CSS, HTML, CSS
- **Data & AI:** Pandas, NumPy, scikit-learn, basic ML pipelines, RAG concepts
- **Infrastructure & Tools:** Git, Docker, AWS (fundamentals), SQL
- **Practices & Design:** Agile/Scrum, Testing fundamentals, Figma, Photoshop, Canva

EDUCATION

Master of Computer Science   **07/2024 – Expected 07/2026**
University of Wollongong, NSW
- Consistently high-performing student with a WAM of 90/100 and strong grounding in software engineering, data systems, distributed systems, and applied machine learning
- Coursework and projects emphasised system design, clean architecture, and practical implementation

Bachelor of Interior Design   **09/2014 – 11/2019**
University of Architecture Ho Chi Minh City, Vietnam
- Valedictorian, Interior Design Course 2019 (HD: 3.45/4.0)
- Developed strong skills in structured design, problem-solving, requirements analysis, stakeholder communication, and delivery under deadlines

WORK EXPERIENCE

Mentorship Program – Software Engineering   **8/2025 – 12/2025**
Jung Talents, NSW
- Contributed to industry-style software projects under senior engineer mentorship, following Agile workflows and professional development practices.
- Implemented backend and frontend components using ASP.NET, REST APIs, and React, collaborating via GitHub pull requests and code reviews.
- Assisted with CI/CD pipelines and cloud deployment tasks, gaining exposure to real-world release and environment workflows.
- Communicated with mentors and team members to clarify requirements, document features, and iterate based on feedback.

Customer Service Roles in Wollongong   **09/2024 – Current**
Viet Viral (Figtree/Dapto NSW) | Jin's Place (Thirroul NSW) | Bangkok Balcony (West Wollongong)
- Worked effectively in fast-paced environments, developing strong teamwork, communication, and time-management skills.
- Followed procedures accurately while adapting quickly to changing priorities and customer needs

Interior Designer   **11/2019 – 03/2024**
TTT Architects (Vietnam) | Adrien Desport Architects (Vietnam)
- Worked across multiple project stages, translating stakeholder requirements into practical, well-documented solutions.
- Managed design requirements, design documentation, and project deadlines with attention to detail.

SELECTED PROJECTS *(GitHub repositories available via profile link)*

Nhan Van Ielts Practice Platform   **10/2025 – Current**

Profile Website   **11/2025 – 12/2025**
- Designed and developed a responsive frontend using React and Tailwind CSS, focusing on clear component structure, state management, and user experience.
- Integrated frontend components with backend APIs, applying clean data flow, reusable UI patterns, and maintainable styling practices.

Domain-Specific AI Chatbot (Shakespeare Literature)   **04/2025 – 06/2025**
- Independently designed and built an end-to-end AI system independently, structuring raw text data into retrievable formats and integrating RAG to improve answer accuracy and relevance.
- Demonstrated strong self-learning and engineering judgment by iteratively refining prompts, data chunking, and system architecture to balance correctness, performance, and simplicity.

COMPETITIONS

IEEE Xtreme 24hour programming competition   **26/10/2024 – 27/10/2024**
- Competed in a 24-hour global programming challenge, collaborated effectively in a team of two, applying logical decomposition, Python implementation, and strategic use of permitted AI tools.
- Result: Ranked 11th in Australia (out of 31 teams) and 1838th globally.

EXTRA-CURRICULAR ACTIVITIES

Pulse Volunteer   **08/2024 – Current**
University of Wollongong
- Developed interpersonal skills by assisting students in navigating resources and services effectively.

CREG Volunteer   **08/2024 – 02/2025**
Corrimal Rotary Environment Group
- Collaborated on environmental cleanup initiatives, demonstrating teamwork and organizational skills.

Course Team Leader   **09/2024**
TCS Sydney Marathon presented by ASICS
- Coordinated volunteer teams, showcasing leadership and planning capabilities.

LANGUAGE

- Vietnamese (native)
- **English** (fluent)

REFEREES

Available upon request