JANNY TRAN

Software Engineer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Software Engineer with hands-on experience building full-stack and AI-assisted systems. Strong at breaking down complex requirements, learning unfamiliar systems quickly, and building clean, maintainable solutions. Brings a unique perspective as a female engineer from a non-traditional design background, combining system thinking, aesthetics-to-technical translation, and effective stakeholder collaboration. Seeking to contribute to real-world software systems while continuing to grow under strong engineering mentorship.

WORK EXPERIENCE

Software Engineering Intern — 8/2025 – Current
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 and iterate based on feedback.

Customer Service Roles — 09/2024 – Current
Viet Viral (Figtree/Dapto NSW) | Jin's Place (Thirroul NSW) | Bangkok Balcony (West Wollongong)

- Operated effectively in fast-paced environments requiring accuracy, teamwork, and adaptability.
- Strengthened communication, prioritisation, and responsibility under pressure.

Interior Designer — 11/2019 – 03/2024
TTT Architects (Vietnam) | Adrien Desport Architects (Vietnam)

- Delivered design solutions across multiple project stages, translating abstract requirements into structured, buildable documentation.
- Balanced aesthetic, technical, budget, and timeline constraints, developing strong decision-making skills.
- Collaborated closely with stakeholders, strengthening cross-disciplinary communication.

SELECTED PROJECTS *(More details available via portfolio link)*

Nhan Van Education Ielts Platform — 10/2025 – Current

- Worked within a team receiving tasks from a product owner, following Agile delivery practices.
- Implemented blog-related features using ASP.NET, built reusable frontend components with React & Tailwind CSS, and ensured responsive UI.
- Practiced professional GitHub workflows, code quality standards, and gained exposure to CI/CD and DevOps processes.

E-Government Microservice Platform (University Project) — 09/2025 – 11/2025

- Designed and implemented a microservice-based system in a 6-member team.
- Built backend services and integrated them via an API Gateway using ASP.NET Core.
- Containerised services with Docker and validated system behaviour in local environments.

Shakespeare-Specific AI Chatbot (University Project) — 04/2025 – 06/2025

- Independently designed and built an end-to-end AI system, 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.

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
- **Practices & Design:** Agile/Scrum, Testing fundamentals, Figma, Photoshop, Canva

EDUCATION

Master of Computer Science   07/2024 – Expected 07/2026
University of Wollongong, NSW

- Strong grounding in software engineering, data 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 of Interior Design Course 2019 (HD: 3.45/4).

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: Scored 519.09, ranked 11th in Australia (out of 31 teams) and 1838th globally.

EXTRA-CURRICULAR ACTIVITIES

Pulse Volunteer   08/2024 – 11/2025
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.

REFEREES

Available upon request