

Xiaofeng Tang (Timmy)

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CAREER PROFILE

A proactive and self-motivated full-stack developer with 2 years working experience in front-end (React, NextJs, React Native) and back-end (ASP.NET, Spring boot, NestJs) development. I have hands-on experience from multiple projects and work knowledge with both coding and DevOps. Looking forward to embracing my next career challenge.

RELEVANT SKILLS

Programming language: TypeScript, JavaScript, Java, C#, SQL, HTML, CSS

Database: MySQL, PostgreSQL, SQL Server, MongoDB

Framework & Library: React, NextJs, TailwindCss, Asp.Net, Spring boot, NestJs

Cloud: AWS, Google Cloud, Azure, GCP

Devops: GitHub action, Docker, AWS CodeCommit, Jira, Slack

Test: Jest/React Testing library, xUnit, Swagger UI, Postman

Methodologies: Agile

WORKING EXPERIENCE

Cyberoo.ai

Australia

Full-stack developer

March 2025 – present

- Delivered more than **30+ both front-end and back-end** functional points and repair tasks.
- Integrated Google Gemini and OpenAI API with structured **prompt engineering** for real-time **cybersecurity threat analysis**, achieving automated scam detection and risk classification without traditional RAG architecture.
- Contributed to **backend optimization** by assisting in quota control and re-evaluation logic (**model fallback and hallucination mitigation**), implementing components of the admin management system (interfaces and filters). and supporting database query refactoring to reduce redundant calculations and improve performance.
- Responsible for end-to-end **multi-language support system**, enabling dynamic translation of **AI responses and full UI content** based on user language settings, delivering internationalization (i18n) support for global users.
- **Participated in performance improvements** by supporting database **query refactoring** to remove redundant calculations and by implementing tasks in **parallel processing** (*parallel streams and custom thread pools*), significantly enhancing system throughput.
- Familiar with **AWS CodeCommit, RDS, S3, and CloudWatch within the existing CI/CD pipeline**; ensured development work did not disrupt version control or deployment processes, and used CloudWatch and RDS to troubleshoot backend issues after deployment.

RECAM

Sydney, Australia

Full-stack developer

July 2024 – March 2025

- Designed and developed scalable **RESTful APIs** from scratch using **ASP.NET Core** with a **layered architecture** (Controller, Service, Repository, DTO, Entity) to ensure maintainability and extensibility.
- Built and configured the **MySQL database** system using ASP.NET Core and **Entity Framework**, setting up **ORM mappings** and connection testing to ensure stable and efficient data access.
- Developed **reusable** and **responsive** React components in TypeScript by implementing provided UI/UX designs, ensuring clean code structure, modularization, and seamless cross-device compatibility.
- Developed unit tests components for front-end interface using React Testing Library and Jest, and for backend service methods using xUnit with **Arrange-Act-Assert** pattern, additionally conducted API testing through **Postman** and **swagger UI** to ensure end-to-end system reliability.
- Documented API specifications and component usage guidelines to facilitate team onboarding and improve cross-functional collaboration.

Guangzhou Smart City Investment
Front-end developer intern

Guangzhou, China
June 2024 – July 2024

- Responsible for maintaining and upgrading the company's official corporate website, as well as the company's internal office automation system.
- Participated in the front-end development of the data management platform, using Vue as the technology stack, and used the Amap API to facilitate users to mark areas.
- Cooperate with back-end developers to complete the docking and debugging of platform interfaces.

PROJECT EXPERIENCE

Scam.Report (A platform that combines generative AI with the reasoning capabilities of a cybersecurity analysis database, focusing on analyzing user-submitted information about fraudulent websites)-**Cyberoo.ai**

Optimus (A customer-focused platform and trusted brand protection services with advanced detection and enforcement technologies, creating a compelling, end-to-end scam and phishing protection solution for enterprise, government, and regulated sectors)- **Cyberoo.ai**

Corina Email-to-PDF Conversion System (Contract Project)

CareGp – Sydney, Australia | **June 2025** (3-week engagement)

- Independently designed and developed a production-level system using **NestJS + TypeScript** to convert Gmail and Outlook emails into **real-time PDF documents**.
- Integrated **Google Gmail API** and **Microsoft Graph API** to support **multi-user OAuth 2.0 authentication**, with token auto-refresh and session-based access control.
- Implemented **real-time Webhook subscription handling** with retry logic, logging, and error resilience for high-reliability message processing.
- Achieved **90%+ automation efficiency**, with **millisecond-level webhook response time** and scalable support for both Gmail and Outlook platforms.

Recam (Online listings and related services for both residential and commercial properties)-**Recam**

Goody website (University of Sydney Capstone project; A web application leveraging AI personal assistants to streamline life admin bookings between businesses, consumers, and networks.)

- Hosted various **team meetings**, including initial UI design, client meetings, and weekly code review sessions.
- **CHATGPT API integration** in chat assistant component, with fine-tuning and specific instructions, the chat assistant can effectively answer user questions while staying within its designated scope.
- Deliver **component-based design** concepts to team members to ensure reusability, improve efficiency, and facilitate testing.
- Developed **responsive and dynamic effects** for various components and pages, such as the hero page, review section, and chat assistant section, utilizing Tailwind CSS, Framer Motion, ShadCN UI, and other third-party libraries.
- Wrote **unit tests** to verify component **rendering accuracy**, responsiveness, and logical conditional rendering for accessibility.

Student-Management-System (Toy-project)

- Designed and developed a full-stack Student Management System to **streamline** administrative processes for students, teachers, and courses.
- Implemented core **time-slot based** enrolment functionality with integrated intelligent **conflict detection** and **role-based access control**, ensuring efficient and conflict-free scheduling.
- Leveraging a modern tech stack including **Spring Boot, React, and PostgreSQL(Supabase)**, this project demonstrates proficiency in building robust and scalable enterprise-grade applications.

EDUCATION

University Of Sydney
Master Degree Of Computer Science

Sydney, Australia
February 2023 – December 2024

University of New South Wales
Bachelor of Mathematics

Sydney, Australia
February 2020 – December 2022