

Leo Zhang

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🏠 Auckland, New Zealand

Career Objectives

- Passionate about programming, I aim to pursue a career as a Full-Stack Software Engineer. With 4 years of experience in ASP.NET, React, cloud computing, and microservices, I am eager to leverage my skills to build scalable, innovative web solutions and contribute effectively to dynamic development projects.

Skills

Backend	Proficient in programming languages such as C#, Python, and Java, utilizing them to develop scalable web applications and perform data analysis.
FrontEnd	Skilled in JavaScript, HTML, CSS, and React to build responsive and dynamic web pages. Additionally, familiar with Figma and UI/UX design principles.
DataBase	Experienced with multiple databases, including MySQL, Redis, PostgreSQL, and Elasticsearch, for efficient data storage, retrieval, management, and caching.
Web Dev	Familiar with developing microservices and cloud computing (AWS, Azure) to build scalable, cloud-native applications.
Soft Skills	Strong communication and teamwork abilities. Adaptable and quick to adjust in changing environments.

Work Experience

07/2019 – 09/2022  **Full Stack Software Engineer**

Company: MetaApp, Beijing, China

Responsibilities:

- I was responsible for the development and maintenance of the online advertising platform, which handles 100 million requests daily.
- Designed and implemented strategies for the advertising process, such as User Targeting, Frequency Control, and Budget Control to increase the income of the ad platform by 80%.
- Developed the web page for advertising management and placement using React.js.
- Developed monitoring tools using Prometheus and Grafana to detect platform anomalies, ensuring high availability and maintaining 99% response times under 100ms.
- Employed machine learning techniques, including linear regression (LR) and deep neural networks (DNN), to predict advertising costs, resulting in over a

fourfold improvement in CTR(Click-Through Rate) and CVR(Conversion Rate).

04/2025 – current  **AI Developer (Part time)**

Auckland, New Zealand

Responsibilities:

- Successfully developed MCP clients and servers to integrate large language models (OpenAI, Anthropic) with Office software (e.g., MS Outlook), enabling users to control applications via natural language chat and significantly enhancing workflow efficiency.
- Deliver step-by-step manuals and provide verbal guidance on how to operate the software effectively.


11/2024 – current  **Software & AI Developer (Volunteer)**


Tiaki Taonga Trust, New Zealand

Responsibilities:

- Developed an Employee Management System using .NET and React.js to streamline internal operations and enhance organizational efficiency.
- Collected and aggregated business data from the New Zealand Business Number (NZBN) registry to build a comprehensive business information database.
- AI integration and ML model Development.

Education

02/2024 – 12/2024  **Postgraduate Diploma in Computer and Information Sciences**, Auckland University of Technology
Key Papers: *Software Architecture, Artificial Intelligence, Text Mining, Nature Inspired Computing.*

07/2015 – 06/2019  **Bachelor in Software Engineering**, Xidian University, China
Key Papers: *Object-Oriented Programming, Data Structure and Algorithm, Java, Computer Networks*

Certifications

- 📖 **AWS Certified Solutions Architect – Associate**
- 📖 **Meta Front-End Developer Certificate**

Interests

- 📖 Outdoor activities and fitness.
- 📖 Reading and playing video games.

Referees

Available on Request