

Sean Chen

Full Stack Engineer

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Software engineer with 4–5 years of experience, specializing in Golang and Next.js, with a focus on real-time systems, map platforms, backend APIs, and SSO integration.

Work Experience

Polstar Technology Co., Ltd. | Software Engineer

2022/07 – 2025/11

Zhubei City, Hsinchu County

- Developed an online map platform integrating map APIs, custom layers, and business map services.
- Built a real-time GPS vehicle monitoring system using WebSocket / MQTT.
- Implemented unified SSO with Keycloak, including OAuth2 token validation and role-based access control.
- Improved map loading performance and stability with PMTiles and Martin Tile Server.
- Maintained backend APIs for membership and traffic services in Polnav APP.

Galaxy Software Services Corp. | Software Engineer

2021/02 – 2021/11

Zhongshan District, Taipei City

- Participated in SaaS product customization using ASP.NET, JavaScript, MySQL, HTML, and CSS.

Projects

Cloud Drive (Side Project)

2025/06 – Ongoing

- Built a lightweight cloud storage platform with Next.js, Python, PostgreSQL, and Docker Compose.
- Implemented RAG capabilities for semantic retrieval and AI assistant integration.

MapLibre GL JS Open Source Contribution

Open Source

- <https://github.com/maplibre/maplibre-gl-js/issues/5779>
- Fixed a package issue affecting Chinese text rendering in specific scenarios and merged the PR.

Technical Skills

Frontend React, Next.js, JavaScript

Backend Golang, Node.js, RESTful API, WebSocket, MQTT, Keycloak, OAuth2, JWT, MySQL, Redis

Infrastructure Docker, Nginx, GCP, Cloudflare

Education

National Formosa University 2017/09 – 2021/06
**| Department of Computer
Science and Information
Engineering**

Bachelor's Degree

Highlights

- Hands-on experience in real-time systems and map platforms.
- Capable of handling development, integration, and deployment.
- Strong teamwork and cross-functional communication skills.