

Jacob Chen

Experienced software engineer with a focus on building enterprise SaaS products

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Relevant Experience

Full Stack Engineer · **ETO Markets** Dec 2023 – Present

- Built a forex copy trading application, providing low latency copy trading for various financial products.
- Refactor an old CRM system by optimizing hierarchical agent relationships and commission calculation

Team Lead · **China Merchants Bank** Oct 2021 – Aug 2023

- Built an OA SaaS platform, providing over 3,900 applications for more than 160,000 users those who are internal employees and company's clients.
- Built a SaaS document product for replacing Confluence, also fulfilling employees cloud storage requirements.
- Implemented a bridge service for combining our SaaS platform service and third-party's commercial SaaS platform (like Lark).

Software Engineer · **Manulife Financial** Oct 2020 – Sept 2021

- Maintained internal insurance management system, adding features for new products.
- Developed an insurance recommendation system, providing preferred insurance product according to customer needs.
- Promoted agile development methods as an agile coach

Software Engineer · **China Merchants Bank(OD)** Nov 2018 – Sept 2020

- Built a new generation workflow system, which supports dynamic forms and process, reducing 50% paper-based approval processes.
- Built a set of REST APIs for workflow engine, providing open APIs to other microservices.

Software Developer · **Chengdu Kailiheng** Dec 2015 – Oct 2018

- Built a B2C e-commerce website, selling fruits online.
- Built an enterprise management system, which is a customized inventory tracking system.

Education

Southwest Petroleum University

Bachelor of engineering in Mechanical and Automation.

Skills

Programming Languages

Java, JavaScript, TypeScript, HTML, CSS, C#

Libraries & Frameworks

Node.js, Nest.js, TypeORM, React, Tailwind CSS, Spring Family, JPA, Mybatis, etc.

Tools & Middlewares

Git, GitHub, AWS, Vercel, Jira, DataDog, Swagger, Redis, ElasticSearch, MQ, etc.

Selected Projects

ETO Plus

Copy trading web application for ETO markets users. Support fully managed copy trading service and profit sharing calculation.

CMB OA Portal

A one-stop integrated enterprise office automation portal, providing Thousands of SaaS applications on it.

Interests

Learning new technologies, travel, science fiction, simulation management games.