

XIAO ZHANG(张筱)

Fullstack Engineer

@ zxinmyth@gmail.com

+86-130-4250-8311

上海

onichandame

onichandame

onichandame.com

SKILLS

Node.js

Typescript

Rust

MongoDB

Redis

React

PostgreSQL

Docker

Kubernetes

GCP

AWS

Aliyun

LANGUAGES

Chinese: Native

English: IELTS 7.0

SUMMARY

Senior Fullstack Engineer with a deep understanding of SaaS architecture and development. Proven ability to build and lead high-performing engineering teams. Skilled in agile development methodologies and DevOps practices. Strong problem-solving and communication skills.

EDUCATION

Master of Physics | Lancaster University

2014 – 2018

Lancaster, UK

- Upper Second-Class Honours

WORK EXPERIENCE

Backend Lead | Shanghai Hejin Information Technology Ltd.

Dec. 2023 – Present

Shanghai, China

- Successfully lead a six-person engineering team in an agile development process.
- Focus on key customers, leading the team to solve complex technical challenges and achieve core business objectives.

Backend Engineer | Shanghai Hejin Information Technology Ltd.

Aug. 2020 – Dec. 2023

Shanghai, China

- Built the HeyWhale community's social system and payment system from scratch, creating a complete user ecosystem.
- Provided highly customized development services based on the unique needs of key clients, ensuring a perfect fit.

Programmer(Fullstack) | Shanghai Gaoying Technology Ltd.

Mar. 2020 – July 2020

Shanghai, China

- Led the entire product process from concept to launch, involving requirement analysis, prototyping, development implementation, and deployment.
- Independently built product prototypes to quickly validate product feasibility.

R&D Engineer | Nanjing Neuboron Medical Technology Ltd.

Oct. 2018 – Mar. 2020

Nanjing, China

- Built a distributed computing cluster to provide efficient computing services to remote customers.
- Independently developed a radiation therapy data management system, creating an industry-leading solution.

PROJECT EXPERIENCE

HeyWhale(Public Cloud) | [Shanghai Hejin Information Technology Ltd.](#)

📅 Aug. 2020 –Present | 🌐

At Hejin, I was responsible for the development and maintenance of multiple core features, including user social interactions, content distribution, and competition systems, significantly enhancing user experience. Meanwhile, I led the upgrade of the technology infrastructure, successfully introducing advanced technologies such as monorepo and distributed event/task queues, greatly improving the performance and scalability of the microservice system. Additionally, I promoted the comprehensive application of TypeScript and, by establishing a comprehensive knowledge base and efficient task allocation mechanisms, successfully built a high-performing R&D team. The technology stack includes Node.js, TypeScript, NestJS, Egg.js, GraphQL, MongoDB, Redis, PostgreSQL, and more.

HeyWhale(On Premise) | [Shanghai Hejin Information Technology Ltd.](#)

📅 Mar. 2023 –Present

Focused on empowering critical projects, I've been deeply involved in numerous large-scale private deployments, taking responsibility for evaluating and implementing customized technical solutions. By deeply integrating heterogeneous resources such as Slurm and integrating third-party authentication systems, I have provided clients with high-performance, secure, and reliable customized solutions. I've delved deep into the underlying systems, successfully resolving multiple performance bottlenecks that impacted user experience, significantly improving system stability and responsiveness. The technology stack includes Node.js, TypeScript, Egg.js, MongoDB, Redis, and more.

Automated Production Control System | [Shanghai Gaoying Technology Ltd.](#)

📅 Mar. 2020-July. 2020

I independently led the full-stack development of an automated pipeline control and order management system. From requirement analysis, architecture design, to feature implementation and deployment, I had full control, successfully creating a highly efficient and stable system. Based on Kubernetes, I built a private cloud environment, achieving automated operation and elastic scaling of the services. The technology stack for this project includes Node.js, Python, C, MongoDB, NATS.io, Kubernetes (k8s), and more.

IELTS Writing Tutoring Platform

📅 Sept. 2023-Nov. 2023

Successfully delivered the production environment for an online tool that provides real-time writing feedback for IELTS candidates based on large language models(LLM). I was responsible for the entire system's operation and deployment, including containerized deployment and environment configuration. Simultaneously, I provided in-depth containerization development consulting to the project team, helping them quickly build efficient and scalable development processes. The technology stack for this project includes Docker for containerization, Python for development, and Linux as the operating system.