Ze-Hao Wang

Full Stack Developer

Phone: 0931-292-996
Mail: salmon.zh.tw@gmail.com
Site: https://salmon.tw

EXPERIENCE

2022/01– Present

Lawsnote | *Staff Software Engineer*
- Management
  - Head of Data Team Engineers, manage other 4 engineers
  - Enhance the Scrum framework and promote regular 1:1 meetings with team members each month
  - Initiate technical sharing sessions each sprint
  - Optimize the job delegation mechanism to minimize handover costs for departing employees
- Compliance Risk Assessment (CRA) development
  - Perform system maintenance and document system workflows
  - Establish a real-time alert mechanism for anomalies, effectively reducing customer complaints by 90%
- Lawsnote Search development
  - Integrate Grafana Loki for collecting web crawler logs, effectively improving the existing tracking and debugging methods
  - Integrate OpenTelemetry and Jaeger for tracing services, significantly enhancing service observability
  - Develop RESTful APIs using TypeScript with OpenAPI, reducing decoupling through automated documentation generation
  - Maintain unit test coverage between 80% and 85%, including integration tests

2021/07– 2022/01

Lawsnote | *Software Engineer*
- Lawsnote Search development
  - Web scraping, refactoring, and monitoring using Node.js and MongoDB
  - Develop RESTful APIs using TypeScript and build the CI/CD pipeline

2020/08– 2021/07

Pentium Network | *Software Engineer*
- MRVN platform development
  - Develop RESTful APIs using Node.js, TypeScript, Kubernetes and Neo4j
  - Refactoring and migrating from JavaScript to TypeScript
- Software development
  - Develop RESTful APIs using Golang, OpenAPI, Docker and shell script
  - Build AWS deployment with Jenkins CI/CD

2017/09– 2020/02

InnoVue LTD. (former **LEARNING TECH CORP.**) | *Software Engineer*
- Research techniques & software development
  - Develop Full Stack applications using Node.js, ES6 and TypeScript
  - IoT related services and Parser for worldwide patent data
  - Develop mobile application about iBeacon using React Native
- Microservices Management
  - Integrate GitLab CI/CD. Create docker images and their auto deployment
  - Build ELK Stack, manage and monitor services

2016/07– 2016/08	**Delta Research Center (Delta Electronics) |** *Front-end Engineer (Summer intern)* ◆ LBS website development using React.js and webpack

2014/06–
2016/02
	Academia Sinica IIS - MMNET | *Intern and Research Assistant*
	Principal investigator: Sheng-Wei Chen Research Fellow
	◆ Website development using Node.js - Bounty Workers
	  ◆ Docket number of technology transfer: 05T-1040609
	◆ Plan 2014 & 2015 Data Science Conference
	  ◆ Analysis the attendee information by R language

EDUCATION

2016/02– 2017/09	**National Taiwan University of Science and Technology** M.S. in *Computer Science* ◆ **NTUST GAME Lab |** *Project Manager* ◆ Thesis: *Game Design Goal Oriented Approach for Procedural Content Generation*
2011/09– 2015/06	**Chung Yuan Christian University** B.S. in *Computer Science* ◆ Class representative (2011-2015) and graduate representative (2015) ◆ 1st place in department project competition (software category)