SCOTT TSAO

Backend Engineer

About Me

Born in Taoyuan City in 1990, worked as a Software Engineer for around 10 years.

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🏠 Taoyuan, Taiwan

EDUCATION

Yuan-Ze University

Bachelor of Information Management
2008-2012

LANGUAGE

- Chinese
- English (Intermidiate)

EXPERTISE

- C++ (Trend Micro)
- Javascript (SiMPNiC)
- Node.js (SiMPNiC)
- Typescript (Gogoro)
- Nest.js (Gogoro)

FOOTPRINT

- Gogoro Inc. 2023/10 - Present
  Backend Developer
- SiMPNiC Inc. 2021/7 - 2023/7
  Backend Developer
- Trend Micro Inc. 2019/11 - 2021/8
  System Engineer
- Trend Micro Inc. 2016/5 - 2019/4
  Software Engineer In Test
- Jinhai Pulp&Paper 2013/10~2016/4
  C++ QT developer

EXPERIENCE

Gogoro Inc. - Backend Developer

Job Description

- Restful APIs design and implementation

Project and Achievement

Fleet Service

- Design and development of payment processes from scratch

Account Dashboard

- Migrate project from Javascript to Typescript

Auth Service

- Rewrite project through Typescript Nest.js framework

SiMPNiC Inc. - Backend Developer

Job Description

- Migrate gateway functions to the cloud through Node.js
- DB schema design
- Backend services design and implementation
- Operation of backend services on AWS
- Development processes build up e.g. Code review
- Build up CI/CD processes through Jenkins, Grafana, AWS cloudwatch
- To mentor and guide trainees

Project and Achievement

Device Management Service

- As a main developer to implement the service from scratch
- Design the flexible protocol through variable-length-integer for transmitting data between the device and backend services over TCP

Notification Service

- By integrating multi-threading and a thread pool into the project to address performance issues, performance improved by over 500%

LineBot Service

- As a main developer to implement the service from scratch
- OAUTH with Line
- Integrate third party log in into LinetBot