

Zhang Ran

Email: ran.zhang863@hotmail.com | Phone: 8942 3531

Work Experience

An Xing Technology Pte Ltd

- 2021.09 ~ 2022.01 | **Intern - Backend Engineer**
 - Developed new features for e-commerce app backend
 - Fixed bugs and refactor on existing code
 - Containerized backend stacks including Nginx, Wordpress, Laravel, MySql
 - Developed CI/CD pipeline for backend stack
- **project**
 - **GaiGai**
 - Created features converting app from trade platform to selling products by itself
 - Decreased loading time for login and payment function in backend
 - Set Aliyun cloud server in china mainland and create CI/CD pipeline for deploy with proxy server.
 - **JIU** (e-commerce App from scratch)
 - Created a wordpress plugin for Alipay authorization
 - **AD Project** (job portal App)
 - Created backend services: authentication, RESTful API, etc
 - Migrated database into AWS RDS
 - Created client to communicate with machine learning module

Environmental Market Solutions Inc

- 2020.10 ~ 2021.01 | **Senior Project Engineer**
 - Led a group of four exploring business services on ESG(Environment, Social, Governance)
- 2016.10 ~ 2020.09 | **Project Engineer**
 - Supported project manager helping 20 buildings achieve LEED/WELL/CGBL/Green Mark certification
 - Implemented on-site testing and commissioning for 5 buildings

Education

- 2021.01 ~ 2022.03 | **NUS ISS** | **Diploma** | Graduate Diploma In System Analysis
- 2015.08 ~ 2016.06 | **NUS SDE** | **M.Sc.** | Building Performance and Sustainability
- 2012.09 ~ 2015.04 | **Nanjing University of Science and Technology** | **M.Eng.** | Heating, Ventilation, and Air Conditioning
- 2008.09 ~ 2012.06 | **Nanjing University of Science and Technology** | **B.Eng.** | Building Environment and Equipment Engineering

Skill & Professional Credential

- Programming language: Java, PHP, Python, C#
- Web Development: Wordpress, Laravel, Django, Gin, Spring boot, .NET Core, Nginx
- Cloud: Linux, Docker, Netcat, GCP, Aliyun
- Others: MySQL, Firestore, Git, Jira, Bitbucket Pipeline

Language

- English, Mandarin