

Career

Software Engineer *August 2018 - Present*

Fortinet International, Inc. SD-WAN team (Software-Defined Wide-Area Network)

- Design an alert module to detect abnormal network traffic or system overloads.
- Build a real-time monitor for visualizing network traffic statistics.
- Implement an authentication module, including single sign-on service.
- Define and implement the Southbound/Northbound communication API.
- Troubleshoot system issues to promote the quality of product.
- Analyze JVM memory and Optimize the system performance with QA team.
- Handle database scaling and design a database migration mechanism for the upgrade and downgrade.

Java Application Engineer *June 2017 - August 2018*

All Products Online Corporation. Digital Advertising automation team

- Implement a digital advertising statistics system.
- Design an alert module to detect the low effectiveness of advertising.
- Maintain a report system of advertising performance.
- Implement an authentication module with Google Oauth2.
- Handle million records for statistics.
- Utilize Google AdWords API and Spread-sheet API to build a budget operating system.
- Work as a full stack developer.

Education

Java Web Training *October 2016 - April 2017*

National Taipei University of Technology - School of Extension Education

Master in Interactive Media Design *August 2012 - August 2015*

National Taipei University of Technology

B.E Degree in Electrical Engineering *August 2008 - June 2012*

Tunghai University

Skills

Back-end (3 years) -

- Programming : Java8, Shell Script
- Frameworks: SpringMVC/Boot, Quartz, Netty, Hibernate, Mybatis, Spring JPA
- Security: Spring Security, Shiro, SAML
- Middleware: Redis, ActiveMQ
- Libraries: Servlet/JSP, JDBC, Java mail, Apache POI, Jackson Json
- Container: Tomcat/Jetty/Karaf/ONOS

RDBM (2 years) - MySQL 5, PostgreSQL 11

Front-end (1 year) - HTML/CSS/JavaScript, jQuery, Bootstrap, Ajax

Software Engineering - Functional Programming, Multi-thread, Message Queue, Restful API, WebSocket, RWD, Object Oriented Programming, Design Pattern

DevOps - Git, JUnit, YourKit, Apache benchmark, Postman, AWS, Docker, Maven, Wireshark

Tools - IntelliJ idea, Eclipse, Visual Studio Code, Sublime, Chrome Developer Tools

Platform - Ubuntu16.04, Windows, OSX

Multimedia Design - Cubase, Reason, Processing, Arduino, Max/Msp/Jitter, Adobe Audition/Premiere

Statistics - Spss, Amos

Awards

- 2011 Chunghwa Telecom Innovation & Application contest - champion
- 2014 Vision Get Wild - Honorable Mention