

Paul Chou

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Technical Profile | Java, C, HTML, CSS, JavaScript, and Typescript | Flutter, Spring Boot and Angular

Employment History

Software Developer | International Integrated Systems Inc. (Nov 2022 – Current)

- Developed RESTful APIs using Spring Boot, delivering two APIs per week to facilitate seamless data interaction with front-end teams.
 - Developed 16 responsive and dynamic web pages using Angular and RxJS within a span of 4 months.
 - Revamped JSP and Servlet code with Angular and Spring Boot, effectively segregating front-end and back-end functionalities. This upgrade improved code maintainability.
 - Established a virtual testing environment on Ubuntu, configured databases using Docker, and implemented Nginx as a reverse proxy and load balancing.
 - Experienced in automated application management with Red Hat's OpenShift Container Platform (OCP), streamlining deployment and maintenance processes in containerized environments.
 - Utilised Java 17 for the development and integrated Keycloak and LDAP to achieve seamless user data synchronization and identity verification for CTBC bank.
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Education

MSc Computer Science | University of Bristol, UK (2021 - 2022)

Modules included: Object-Orientated Programming with Java, Software tools, Software Engineering, Introduction to Computer Science, Programming with C, Computer Architecture and Summer group Project (in collaboration with IBM)

BA International Business | MingChuan University, Taiwan (2015 - 2019)

Projects

Sprojxt | Java & Spring Boot | Ongoing

<https://github.com/SProjxt/SProjxt>

- Spearheaded a Jira-like product as backend lead, leveraging Spring Boot and Java 8+ (lambdas, streams) for software mastery. Collaborative leader adept in project management tools.
- Designed and integrated a database schema into AWS RDS to establish a stable and reliable data storage system, ensuring efficient data access and retrieval.

Social App | IBM | 2022

https://uob-ibm-textmessaging-team.github.io/ar_ai_textmessaging_pages/

- Developed a text-to-speech text messaging app for IBM using Watson within 2 months.
- Designed over 5 screens Front-end interface using Flutter, and developed an authentication system using Firebase as well as debugging.
- Lead the team with agile base-environment and mediated between client and the team.