

Chi-Chung (Alvin), Au

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Manchester Area, United Kingdom, M3 4BD
BNO Visa and eligible to work in UK without requiring company sponsorship

PROFESSIONAL SUMMARY

Web Application Developer with over 3 years of experience in backend and frontend development, specialising in Java Spring Boot and React. Having technical knowledge in production support, software testing, deployment, and debugging. Adept at delivering high-quality, scalable solutions and enhancing system performance. Eager to contribute to an organisation by leveraging my skills and passion to support business objectives.

WORK EXPERIENCE

Java Developer (Full-time Consultant)

Nov 2022 – Nov 2023

IBM Ltd. – Hong Kong

As a Consultant Programmer at The Bank of East Asia, I played a key role in delivering new features to the BEA Mall credit card reward mobile application. I contributed to both backend and frontend development, ensuring consistency and efficiency.

- Designed and implemented CMS and Mobile application backend APIs using Java Spring Boot and Microsoft SQL Server, enabling seamless communication between the application's microservices.
- Collaborated closely with the BA team and UX professionals to develop new features for the CMS using Vue.js, effectively translating requirements into technical solutions.
- Participated in daily scrum meetings, ensuring progress tracking, and addressing impediments. Successfully handled backend production releases and analysed production issues.
- Implemented continuous integration and deployment pipelines using Jenkins and GitLab, resulting in faster release cycles and improved development efficiency.

Programmer (Full-time Consultant)

Oct 2021 – Oct 2022

ICO Ltd. – Hong Kong

As a Consultant Programmer at OCBC Bank, I contributed to the mobile banking application's BAU and production support. The application was developed using Apache Cordova, ReactJS, Kotlin for Android native application, and Swift for iOS native application.

- Devised automated deployment processes, leading to faster and more accurate code deployment.
- Resolved automated application builds with Jenkins and optimized alpha-build using Firebase app distribution, resulting in a 25% reduction in average processing times.
- Implemented unit tests to improve software quality based on feedback from testers, resulting in a 30% improvement.
- Assisted in troubleshooting and logging 80+ vulnerabilities identified by Fortify.
- Managed app shielding on production builds using Promon Shield and successfully published the internal app production on Google Play Console and App Store Connect.

Programmer (Full-time)

Sep 2020 – Oct 2021

SmarTone Telecommunications Holdings Ltd. – Hong Kong

As a Programmer at SmarTone, I made contributions to the Enterprise Product Catalog, a revamp of the internal web application for retail store kiosks. This project aimed to enhance the user experience and streamline the checkout processes.

- Developed the user interface using AngularJS and assisted in developing backend services with Java Spring Boot and Oracle database.
- Supported senior developers in implementing features such as the payment feature, which displayed chargeable items in an order, facilitated payment information filling, and generated special handling fees.
- Improved system performance by refactoring legacy code, resulting in a 20% increase in application speed and a significant reduction in server load.

EDUCATION

The Open University of Hong Kong

Sep 2018 – Aug 2020

Bachelor of Computing with Honours in Internet Technology – Hong Kong

- Conferred qualifications assessment by UK ENIC.

Hong Kong Institute of Vocational Education

Sep 2015 – Jul 2017

Higher Diploma in Software Engineering – Hong Kong

- Conferred qualifications assessment by UK ENIC.

TECHNICAL SKILLS

Frontend Languages / Frameworks / Libraries

HTML, CSS, SCSS, JavaScript, TypeScript, React.js, Redux, Vue.js, Angular.js, Kotlin, Swift

Backend Languages / Frameworks

Java, Java EE (Spring Boot, MVC, RESTful API, Hibernate JPA, Micro Services, JSP), Node.js

Databases

SQL, Microsoft SQL Server, MySQL Server, Oracle Database, PostgreSQL, MongoDB

Tools

IBM WebSphere Application Server, JBoss, Swagger, Elastic Kibana, Postman, Proxyman, Red Hat OpenShift, Toad for Oracle, Jira, Jenkins, Git, Docker, Firebase App Distribution

Languages

English (Intermediate), Cantonese (Fluent), Mandarin (Intermediate)