

Pandemic and Retraining Period

Summary of events

Please find a summary of the events during the pandemic, the effects upon my role, company and wider industry and subsequent retraining period:

1. AVMI my previous employer installed systems within the corporate sector which primarily included boardrooms, meeting rooms, auditoriums and office spaces which were the areas completely shut down due to the pandemic.
2. By mid-2020, AVMI was on the verge of collapse and I suspect was sold by its private equity owners, at which point I was made redundant where I received a substantial redundancy package and had significant savings.
3. At the time there was great uncertainty about the future of the industry and whether normality would return anytime soon, if at all.
4. By late 2021 when we were once again going back into lockdown with little prospect of the pandemic ending it was decided to retrain.
5. It was decided to retrain within core Java, Android and associated technologies within wider enterprise and e-commerce development due to:
 - Ubiquity: Overall prevalence and close connection with the real-world economy of companies and people physically buying, selling, making, providing and consuming goods and services.
 - Architecture: Crestron and AMX share many architectural similarities with Android and modern enterprise and e-commerce systems, these include:

Service-Based:	Crestron and AMX are primarily built using a service-based architecture using internal communication via individual APIs.
Event Driven:	Crestron and AMX handle, publish, subscribe and propagate events triggered by UI or other external sources.

6. Over the next x2 years I completed a comprehensive range of courses, books, exercises, technical questions and substantial projects within core Java to an advanced level including many associated technologies and practices:

Java/JavaFX	Spring	Kubernetes/Docker	CI/CD	DevOps
Android/Kotlin	SQL	Maven/Gradle	TDD/BDD	Agile/Scrum

7. This retraining period resulted in a substantial body of work which can be reviewed at the link below:

<https://github.com/Paul-Surridge/Sample-Works>

8. The above repository contains a number of Java/JavaFX applications, including a Bank Accounts Manager app which uses personal bank account transaction data to provide advanced chart analysis of personal spend/save, which I hope will provide a suitable demonstration as to my ability to design, architect and develop whole solutions.
9. I very much hope that my extensive experience of providing tablet/iPad-based applications for some of the largest and most demanding companies and banks in the world combined with an advanced proficiency within core Java including Kotlin will provide a suitable foundation for a role within Android and wider enterprise and e-commerce development.
10. Overall I am a strong and versatile software engineer with a background in electronic, electrical and software engineering with a 1st class engineering degree. During my time at AVMI I was one of the strongest engineers in the industry and I am very much hoping to do the same within Android development.