

LANGUAGES & TECHNOLOGIES

- Kotlin, Java, VB/C# .NET, SQL (T-SQL & SQLite), XML, HTML, CSS
- Android, Firebase/Firestore, Git, Jira, Confluence, Crystal Reports, ClickOnce

EXPERIENCE

ES Consulting

Software Engineer/Specialist

Oct. 2017 – Oct. 2019

- Responsible for the continued development & maintenance of the company's lead software product, a VB .NET/SQL Server warehouse management desktop application, through modifications and bug fixes
- Developing standalone, bespoke desktop software products, predominantly as custom add-ons to Sage 50/200, to fulfil client-commissioned business processes
- Contributing to enterprise-level API and library integrations to facilitate cohesion between products
- Working in a small, Agile-focused team to track and deploy software
- Strong advocate for writing clean code, testing thoroughly, and maintaining a maker-owner mindset - being responsible for your technical decisions from inception until well past deployment

EDUCATION

Open University

Oct. 2014 – Dec. 2019

- Bachelor of Science – Computing & IT: Software Development, 2:1 (Honours)
Key Modules: Object-oriented Java programming, Software development with Java, Communication and information technologies, Software engineering and Interaction design and the UX.
- Adobe Certified Associate in Web Communication (2014)

PROJECTS

ParkGuide is a detailed guidebook of all of America's National Parks, collating National Park Service information, live weather/park alert data, curated highlights/hidden gems for each park, and multi-park trip itineraries.

- Using: Android (Kotlin), Cloud Firestore, Firebase Auth & CM, JSON APIs, Volley, Shimmer, Server Callbacks

Crypttail is a cryptocurrency tracking app delivering real-time & 1/24hr price data for up to 5 cryptocurrencies from the CryptoCompare index.

- Using: Android (Java), JSON APIs, Volley, Server Callbacks, Services, Broadcast Receivers

BAO Parking Infractions is a user/admin parking management tool, used by Base Area Operations of Whistler Blackcomb Ski Resort, to create and manage parking infractions and exceptions for the parking lots.

- Using: Android (Java), SQLite, Read/Write External Storage