

CHRISTIAN CLARE

SENIOR ANALYST/PROGRAMMER

CAREER OBJECTIVE

A proven systems architect and engineering leader with system administration, mobile app and web development skills. Practiced at leading teams to develop new products, assess and report requirements, and work with designers and testers to deliver products that meets business needs and respects users. Skilled in release management, continuous integration, source control management and App Store administration. A natural mentor and leader used to teaching, code reviews and designing in distributed and cross-functional teams. Reliable, smart, efficient and a team player




EXPERIENCE

Senior Analyst/Programmer

July 2018 - July 2023 | Accruent/Fortive

- Lead an Agile team designing and developing a cross-platform WFM mobile application with thousands of users for iOS and Android from scratch for use by international corporations (languages: Javascript, Objective-C, Swift, Java, Kotlin, Nodejs, bash)
- Created pipelines in Azure Devops for mobile app build from Bitbucket, CI and PR regression testing, and automated Google Play and Apple App store deployment
- Established git source control release and development workflows and documentation in Github and Bitbucket
- Contributed to the technical and functional design of app features for the business implementing complex data sync and metadata-driven data collection
- Administered the Google Play, Apple App store, Firebase and Google Maps accounts from account creation to production
- Performed hiring, training and code reviews for team members in cross-functional and distributed teams
- Support the mobile application product and provide consulting around the product and its systems to cloud and on-premise customers
- Integrated Mocha Javascript test suite to enable automated CI
- Implemented SSO mobile login using JWT/PKI to interface with Spring Tool Suite authentication APIs
- Implemented Mocha Javascript test suite to enable automated CI
- Completed Lean Agile Development training
- Jira issue management and scripted integration

CONTACT

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SKILLS

- Mobile Application Development
- Web Development
- Engineering development including source control, CI, release management, resource management, code review
- Systems Architect
- UNIX Shell Scripting
- Linux Environments
- Azure Devops
- UI Design
- Swift and Objective C Programming
- Java/Kotlin Programming

Founder, Senior Analyst/Programmer

January 2009 - Present | Groundhum, NY

- Designed and wrote four applications published to the App Store
- Tock Time Tracker app for iOS in Objective-C, Swift, Titanium (2015 - present)
- Doggie Go Go game (with digital artist) in Objective-C (on App Store 2009 - 2021)
- Home Health Agency Finder app in Objective-C (on App Store 2010 - 2018)
- Reef Fish app in Objective-C (on App Store 2010 - 2019)

Senior Analyst/Programmer

September 2016 - June 2018 | Accruent

- Lead an Agile team designing and developing a cross-platform WFM mobile application with thousands of users for iOS and Android from scratch for use by international corporations (languages: Javascript, Objective-C, Swift, Java, Nodejs, bash). The app is used by water utilities, power utilities, communications companies, and customer service companies with field service technicians
- Worked with UI/UX designer and product manager to add new features and enhance functionality of the application
- Managed and scripted iOS and Android build pipeline and build processes to produce testing builds, App Store builds and re-signed custom enterprise builds for customers in the Apple Enterprise program
- Implemented in-app statistics and business event collection
- Integrated Google Crashlytics, Google Firebase, Firebase Cloud Messaging and Apple Push Notification in mobile app

Senior Analyst/Programmer

August 2014 - August 2016 | Verisae

- Built foundations of cross-platform iOS and Android application
- Lead the technical product design and programming to add new features to the app including metadata-driven form scripting functionality, barcode scanning, asset management, data sync and risk assessment
- Trained and mentored staff

Chief Architect

September 2007 - July 2014 | ViryaNet

- Head the development team and develop proof of concept application implementing SSL socket binary sync mechanism with proprietary server sync protocol.
- Evaluate cross-platform frameworks supporting iOS and Android deployment and present options to management
- Work with UI/UX designer and product manager to create design-driven mobile application, and deliver working product for release on the App Store

- Schedule and dispatch server Java development using JSP, EJBs, Tomcat and Oracle
- Modify complex server timesheet logic affecting field technicians
- Modify server system administration screens and API interface management
- BPM and BAM consulting, process design, and integration

Director of Engineering

June 2005 - August 2007 | ViryaNet Australia

- Lead a team of programmers developing the FOCUS mobile application server product in Java on Tomcat Server (JSP, EJB, Oracle)
- Pioneered the management, standards, testing, procedures, documentation, workflow, support and training processes including maintenance of CVS source-control and Mantis (Apache/PHP/MySQL)

Senior Analyst/Programmer

September 2003 - May 2005 | E-Wise Solutions

- Lead a team of programmers developing the FOCUS mobile application server product in Java on Tomcat Server (JSP, EJB, Oracle)
- Built infrastructure to collaborate with a remote development team

Systems Architect and Senior Analyst/Programmer

March 2002 - August 2003 | E-Wise Solutions/FieldAtWork

- Lead a team of developers designing a mobile web portal in Java/Tomcat/JSP/JDBC/Oracle/PostgreSQL/SQL Server
- Helped win early contracts for this start-up company in challenging conditions with early beta software

Senior Analyst Programmer

March 2000 - February 2002 | E-Wise Solutions

- Worked at the airline Ansett on their mainframe reservation system and Vantive CRM
- Wrote C daemon on HP-UX system to interface with MQ and Oracle
- Wrote rules-based Java application to interface with mainframe reservation system

Senior Analyst Programmer

January 1999 - February 2000 | University of Queensland

- Developer for University of Queensland web enrollment site on Microsoft IIS Web server (ASP, 300 concurrent users, 27k users)
- Wrote back-end sync software in Microsoft Visual C++

Analyst Programmer

January 1994 - December 1998 | University of Queensland

- Designed, developed and implemented student administrative database across three university departments
- Consultancies within Australia to indigenous communities and Papua New Guinea for database development and teaching

EDUCATION

Bachelor of Arts (B.A.) in English, Journalism, Computer Science

December 1994

University of Queensland, Herston, QLD, Australia

Bachelor of InfoTech (deferred) in Completed 1st year, deferred for work in IT

University of Queensland, Herston, QLD, Australia

CERTIFICATIONS

- Lean Agile Training (2022)
- WWDC Training (2017-2023)