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Profile

I am an information security background mobile app developer(iOS & Android). I have 7 years mobile app develop experience including over 5 years experience in commercial app developing. I earned two master's degrees in engineering study and ICT respectively. I have over 5 years security system industry working experience in a native Australian company. I also have working experience in two Fortune 500 enterprises more than 2 years in China.

Key Strengths

- Strong Working Ethic
- Strong Coding Skills
- Curiosity in Emerging Technologies
- Strong Communication Skills
- Learning Agility
- Creativity
- Positive Attitude

Skills

Proficient in using **Objective-C**, **Swift**, **Go** and **PHP** in commercial mobile app development.
Proficient in **Git**, **Unix-like OS**, **Vim** and **XCode** working enviornment.
Intermediate in information security, major in **iOS app security assessment**.
Familiar with using Kali Linux tools in network penetration testing.
Other ICT skills:
Using C, Delphi and LabView in industrial software development.
Using CA-Clipper and dBase in legacy database system.

Career Experience

May 2010 - Current Mobile App Developer, Digiflex Pty Ltd

Key Tech: Objective-c, Swift, Java, PHP, Git, dBase, Delphi, LabVIEW

Digiflex is a native Australian electronic security company which provides access control security solution, designs and produces a serial of control panels and modules for BOSCH Security Australia.

Duties and Responsibilities:
- Leading iOS app project team
- Assessing iOS app security
- Developing Android apps
- Developing back end app server

Other Duties:
- Maintaining PCB tester program on LabVIEW and National Instruments;
- Developed firmware programming application platform application by Delphi;
- Maintaining Inventory Database CA-Clipper code dBASE structure

2009 Help-desk Technician, Aegon-Cnooc Life Insurance Corporation

Key Tech: Enterprise resource planning (ERP), Active Directory, Windows Server, SQL Server

AEGON-CNOOC Life Insurance Corporation is one of the Fortune 500 located in China.

Duties and Responsibilities:
I dedicated myself to the IT department as a level 2 helpdesk technician to provide comprehensive IT support and perform daily routine for business continuing process in English working environment at headquarter.

2004 - 2006 Project Assistant, China Telecom Corporation Limited

Key Tech: Enterprise resource planning (ERP), SQL Server, MS Internet Information Server (IIS), ASP

China Telecom Corporation Limited is a full service integrated operator and the largest wire-line telecommunications and broadband services provider in the world and the largest mobile telecommunication provider in China.

Duties and Responsibilities:
I participated in several national projects of telephone connection and mobile system infrastructure construction as manager assistant. I am responsible for ERP system maintenance.

Academic Experience

2008 Master of ICT (Major in information security)

Department of Computing, Macquarie University

2007 Master of Engineering Study (Major in computer control)

Engineering Faculty, University of Technology, Sydney

2004 Bachelor of Computing Science (Major in software engineering)

Lanzhou University, China

Continuing Education

2010 Postgraduate Diploma of Business (Major in E-commerce)

Business Faculty (Sydney campus), University of South Queensland

Projects

Commercial Apps & Softwares

MyAlarm SMS Control (iOS)

Key Tech: Objective-C, iOS
URL: https://goo.gl/IGCZE2
Description: The Myalarm SMS Control App allows you to easily create and save SMS templates which can then be sent your security system to arm or disarm areas, operate outputs, unlock doors or to check system status.
Note: This App requires compatible alarm system to function and currently only works with iPhone devices (Non iPad or iPod Touch).
Roles: Application Designer & only Developer

MyAlarm SMS Control (Android)

Key Tech: Java, Android
URL: https://goo.gl/o4Jt9d
Description: This app is exactly same with MyAlarm SMS Control iOS app. It is an Android edition MyAlarm SMS Control app.

Note: This App requires compatible alarm system to function. And currently, It only works with Android devices with GSM functionality.
Roles: Application Designer & Project Manager

MyAlarm SMS Relay Server (Android)

Key Tech: Java, Android
Description: This is an Android App. It is a SMS registration server. This server will identify register SMS from MyAlarm SMS Reports App. It is MyALarm SMS Reports system's sub-project.
Roles: Application Designer & only Developer

MyAlarm Web App Server (WAMP)

Key Tech: PHP, SQL, REST Web Service
Description: This is a RESTful Web Service for mobile apps. It contains advanced functionalities for Push Notification, Database, Registration and Security. It provides plenty APIs for mobile apps and administrator server.
Roles: API Designer, Web Service Designer & only Developer

MyAlarm SMS Reports (iOS)

Key Tech: Objective-C, iOS
URL: https://goo.gl/nxh1pv
Description: The Myalarm SMS Reports App allows user to receive Push Notification reports instead of get SMS reports from compatible alarm system. When alarm system triggered by event or alarm, a message will push to and list on user's iOS device. Note: User need approve to send an SMS to MyAlarm SMS Relay Server(Android app) to register mobile phone number. It is an one-button function to register.
Roles: Application Designer & only Developer

MyAlarm SMS Reports (Android)

Key Tech: Java, Android
URL: https://goo.gl/Y1nOh8
Description: It is Android edition MyAlarm SMS Reports app. It does same functionality as iOS edition. This app allows user to receive notification reports instead of get SMS reports from compatible alarm system.
Note: User need approve to send an SMS to MyAlarm SMS Relay Server(Android app) to register mobile phone number. It is an one-button function to register.
Roles: Application Designer & Project Manager

MyAlarm iFob Control (iOS)

Key Tech: Objective-C, iOS, Cryptography

URL: https://goo.gl/u6WF82
Description: The MyAlarm iFob app is remote application for MyAlarm and Bosch alarm system. It provides real time control and feedback of compatible, IP enabled alarm systems. Users can arm and disarm areas, control outputs and doors, view system troubles and alarm system history if required. This app is build on the MyAlarm RAS Engine framework.
Roles: Framework Designer & Application Developer

Open Source Project

Device-Details for iOS

GitHub Repository
Key Tech: Objective-C
URL: http://goo.gl/tFlnWY
Description: It has **over 17.2K downloads from App Store**. This app provides quick solution for developers who want to retrieve ios device details, network environment, motion details, location details and compass details. It also can notice normal iOS device user how many information can be collected by apps in App Store.
Roles: Open Source Project Owner

Academic Projects

2008 School Zone Vehicle Warring System (SZVWS) (MQ University)

This project is developing an on-board warring system for recognizing simple traffic sign on the sides of road, such as School Zone Sign. I charged the design of dynamic video analysis module, the kernel of SZVWS, independently. I utilized OpenCV algorithm to train system in C++ language environment.

2008 Localization and Mapping System for Mobile Robot (MQ University)

Our team utilized Kalman Filter to calculate the location of mobile robot in the foregone map based on previous location and new leaser beam measurement result.

2008 Chatting terminal with cryptography (MQ University)

I used Java cryptography API to write security chatting terminal with asymmetric cryptography and public key infrastructure (PKI).

2007 Mock Loop Control Experiment (UTS)

Our team did a research and comparison between PID control method and fuzzy logic control method by utilising LabVIEW code on the blood loop simulator.

2004 Real-time Operation System for 8051 MCU (Lanzhou University)

My graduation project is developing a simple real-time operation system for 8051 MCU. I have created a simple OS core to dispatch tasks into small time-slots and distribute different priorities to small threads.

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