

ZHANG Qichuan

Technology Advisor

ZHANG Qichuan (张其川)

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Skills

Proficient in Mobile Technology, IPTV, System Integration, and Digital Security
8+ years of industry working experience in Android application development
Effective problem-solving skills with an optimistic attitude

Working Experience

Ant Financial / Technology Advisor

OCTOBER 2017 - PRESENT, SINGAPORE

- Integrated Alipay solutions to partners in India and Southeast Asia
 - Launched an open service aggregation platform for one of the largest e-wallet mobile apps in India to provide value-added services for its 450 million users
 - Designed a payment service for one of the largest e-commerce mobile apps in Indonesia to support its 70 million monthly users
 - Integrated mobile wallet solution to one of the most popular instant messaging apps in Indonesia
- Optimized the application performance to cope with entry-level mobile devices
- Developed a Debug Diagnostic tool for internal and partner developers
- Organized workshops to evangelize Alipay China mobile solutions to partners

Paktor Pte Ltd / Android Development Lead

OCTOBER 2014 - OCTOBER 2017, SINGAPORE

Led the Android development team to implement various product features for market needs.

- Revamped the User Interface for better user experience
- Achieved average of 4.3 ratings in Google Play Store
- Kept the app crash rate below 0.8%
- Integrated payment gateway for seamless mobile payment
- Implemented a workflow to manage remote team collaborations

Vodoke Pte Ltd / Head of Department, Application Development & Services

JULY 2012 - OCTOBER 2014, SINGAPORE

Led the technology team for on-time delivery of high-quality products. Managed software development life cycle, liaised with vendors for hardware manufacturing and quality control.

- Launched nationwide IPTV project with a local telco in Singapore
- Designed and deployed In-Room entertainment system with flagship hotels in Taipei and Taichung, Taiwan

- Implemented in-house software tools for the sales team to prepare demo set with minimum effort

Vodoke Pte Ltd / Senior Software Engineer

AUGUST 2011 - JULY 2012, SINGAPORE

- Developed Android-based TV set-top box
- Designed and implemented a room automation solution
- Customized Android firmware to cope with the specific video transmission protocol in the hotel IPTV industry

Gemalto Pte Ltd / R&D Software Engineer

JUNE 2009 - JULY 2011, SINGAPORE

Designed and developed various software application tools for SmartCard management

- Developed mobile-TV, an application simulates the authentication process for mobile TV service
- Enhanced Card Admin, the software provides all the necessary fundamentals to manage any 2G, 3G, and CDMA card
- Created the software framework for SmartCard communication

Education

Nanyang Technological University / Computer Engineering

2005 - 2009, SINGAPORE

- Bachelor's degree in Computer Engineering, 2nd Upper-Class Honours
- Japanese Language Proficiency Test, Level 3 certificate

Nan Hwa High School / Science

2000 - 2005, MALAYSIA

- Unified Examination Certificate, Top 10 in Mathematics and Chinese Language

Patents

[CN110009330A](#)

- Method of payment and device (支付方法以及装置), filed on 2 Feb 2019

[CN108182577A](#)

- A kind of method, apparatus and equipment for showing payment information (一种展示付款信息的方法、装置及设备), filed on 1 Dec 2017

[US20160192011A1](#), [EP3025506A4](#), [WO2015012768A1](#)

- System and method for networked communication of information content by way of a display screen and a remote controller, filed on 26 July 2013

[US20160165285A1](#), [EP3014893A4](#), [WO2014209233A8](#)

- System and method for delivering content to a display screen, filed on 26 June 2013

[US20150296245A1](#), [EP2865196B1](#), [WO2014209221A1](#)

- Remote controller, filed on 26 June 2012