

# JIANG TAO

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## Job Objective: iOS Development

### education experience

Graduation Institution: Hangzhou Dianzi University      Graduation date: 2017

Major: Electronic Science and Technology

Education: Bachelor's Degree



### professional skill

- Over 8 years of iOS development experience, proficient in Objective-C and Swift, with rich mixed-language development skills.
- Hands-on experience in large project optimization: package size, launch speed, and crash handling.
- Master common design patterns, with experience in transforming MVVM, MVP, etc.
- Proficient in multithreading programming, skilled in complex scenario management and debugging.
- Experience in private library development, familiar with component dependency splitting and aggregation, and large project componentization transformation.
- Skilled in using Instruments, Charles, Wireshark for efficient performance bottleneck analysis.
- Familiar with network protocols (HTTPS, MQTT) and data parsing formats.
- Master data storage and encryption methods, familiar with Secure Enclave for core key encryption.
- Proficient in Git, with experience in collaborative development and branch management, systematic version control knowledge.
- Strong team player, capable of independently completing the full App Store release process.

### work experience

#### 2022 - Present Changan Automobile

**Core Responsibility:** Vehicle control module development & optimization.

**Led key projects:** Private library construction, SDK componentization, micro-app development and homepage revision, upgrading technical architecture and user experience.

**Improved core indicators:** Reduced SDK crash rate to <0.03%, boosted homepage loading performance by 50%, and compressed package size from 800MB to 400MB.

**Solved key issues:** Resolved SDK-integrator component conflicts, cutting development/maintenance labor costs by 30%.

#### 2021 - 2022 ByteDance

**Core Responsibility:** Maintenance & optimization of Dianchei B-end dealer system.

**Promoted architecture splitting:** Designed component boundaries, split monolithic project into 8 independent components, enabling multi-team parallel development and shortening delivery cycle by 30%.

**Enhanced stability:** Fixed top 10 online intractable crashes, reducing system crash rate by 0.1%.

## 2019 - 2021 Kugou Music

**Core Responsibility:** Development & optimization of friend recommendation module (tens of millions of DAUs).

**Core function development & maintenance:** Developed and maintained contact/WeChat/QQ integration functions to ensure stable operation under high traffic.

**Drove project delivery:** Coordinated cross-team schedules to ensure on-time launches; reconstructed module with MVVM, improving page loading speed by 60%.

**Work performance recognition:** Achieved A-level performance in 2020 for outstanding results.

## 2018 - 2019 Hangzhou Quwei

**Core Responsibility:** Xiaoyingji APP core function development & stability optimization.

**Led key features:** Video production, speed control and in-app purchase modules, supporting 100+ one-click video themes.

**Optimized stability:** Fixed null pointers/thread issues and optimized memory, reducing crash rate from 3% to <0.5% and negative reviews by 40%.

## 2017 - 2018 Tonghua Shun

**Core Responsibility:** Sunwin Hongyuan securities APP core development & trading business maintenance.

**Built key modules:** (error logging, Getui push, user behavior analysis), improving crash location speed by 30%.

**Completed post-merger version compatibility:** maintained core trading functions, supporting millions of concurrent users with zero major failures.

## self-assessment

1) **Technical Capabilities:** 8 years of iOS development experience, with a proactive learning attitude. I write clean, high-performance and scalable code, and specialize in building highly stable apps with elegant exception fault tolerance.

2) **Problem-solving & Pressure Resistance:** Strong ability to work under high pressure. For complex technical issues like component conflicts and online tough crashes, I can quickly locate root causes, deliver feasible solutions and drive efficient project delivery.

3) **Teamwork & Lifestyle:** Focus on team building, willing to share technical experience and promote internal communication to enhance team performance. I love cycling, table tennis and singing; sports help me stay energetic and efficient at work, and I also use shared interests to strengthen team connection and harmonious collaboration.