

# Eric Zhang

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## EDUCATION

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**Xidian University**

**China Xian**

**Computer network engineering**

**09/2010--07/2015**

## WORK EXPERIENCE

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**Beijing MaSou Intelligent Technology Co., Ltd.**

**China Beijing**

*Position: Cofounder & Tech Lead*

*Date: 04/2022 – now*

- As a co-founder, I built the Rebyte website from scratch (<https://rebyte.ai>). This includes creating the product roadmap, conducting market analysis, and defining the product positioning.
- Research LLM agent technology solutions and develop the Rebyte agent orchestration engine using Rust.
- Research RAG technology solutions and integrate it into the Rebyte platform.
- Research industry multi-agent frameworks to migrate Rebyte from a single-agent to a multi-agent framework. This will enable Rebyte to develop capabilities for complex requirements.
- Developed code interpreter for Rebyte, a framework that implements LLM code generation and dynamic code execution.
- Completed the development of the core part of the server code.
- Leading and managing the technical team, including recruitment, training, and motivation. Maintain the team's technical competitiveness and innovative capabilities.

**Beijing Dajia Internet Information Technology Co., Ltd. (Kuaishou)**

**China Beijing**

*Position: K4 Senior Staff Engineer*

*Date: 05/2018-04/2022*

- Design and optimize the mobile system architecture of the Kuaishou App to ensure that the App architecture meets technical requirements and business objectives. Reduce the complexity of the system architecture and accelerate the speed of business development.
- Responsible for the compilation optimization of the Kuaishou iOS App. Conducted research on LLVM compilation optimization schemes, introducing multiple advanced compilation optimization technologies to Kuaishou, including but not limited to ModuleMap, ThinLTO, file-level caching, and component caching. Ultimately, this successfully reduced the app's compilation time by 50%, decreased the incremental compilation time from 1 hour to 30 minutes, and reduced the full compilation time from 2 hours to 1 hour.
- Serve as the technical leader for Kuaishou's instant messaging app, Kim, starting from scratch to design the system architecture of the App, including backend, frontend, and mobile platforms. Manage a technical team of nearly 20 people to meet the rapid development needs of the Kim business, which has also received unanimous praise within the company.

**Beijing Yiqixie Technology Co., Ltd.**

**China Beijing**

*Position: Full stack senior engineer*

*Date: 08/2016-05/2018*

- Serving as the mobile technical lead, I lead a team of four, handling daily development requirements for both iOS and Android platforms.
- Responsible for conducting technical research on new products within the company, providing detailed technical research reports. I deeply analyze technical challenges and offer solutions.
- I regularly organize internal technical sharing sessions within the company to enhance the team's technical competitiveness. Through these sessions, we foster a culture of continuous learning and knowledge exchange, which not only boosts individual skills but also contributes to the overall innovation and effectiveness of our projects.

## **SKILLS & INTERESTS**

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### **Skills:**

- Proficiency in Objective-C, Swift, SwiftUI, Python, Rust, NodeJS, JavaScript, TypeScript
- Proficiency in React Native, Electron, Flutter etc.
- Experience in using Kubernetes
- Proficiency in Git, GitHub
- Strong collaboration and teamwork skills
- Strong curiosity about technology.

**Interests:** My hobbies include programming, traveling, and gaming. These activities not only enrich my personal life but also enhance my professional skills by fostering a strong sense of problem-solving, adaptability, and strategic thinking.