

Like Zheng

Software Engineer

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About

6 years of software development experience, with 3 years of team leadership. Proficient in front-end development, with experience in developing JS compilers. I place great emphasis on user experience, so I have also dabbled in product design. I also value teamwork and have experience in building agile teams from scratch.

Skills

System

Intermediate

C++

Front-end

Senior

JavaScript

TypeScript

NextJS

ReactJS

GraphQL

Back-end

Senior

NodeJS

PostgreSQL

GraphQL

Mobile

Intermediate

Flutter

Dart

Experience

OpenHarmony, Huawei

Aug 2023 - Present

Software Engineer

Hangzhou

Develop JS compiler and runtime, responsible for maintaining and optimizing the PGO module. Complete AOT instruction optimization requirements.

- AOT IR optimization requirements.
- Identify and address security issues.
- PGO-related stability interface person.

ByteArk Tech Ltd.

Aug 2021 - Apr 2023

Technical Lead

Hangzhou | Remote

Participate in Filecoin community interactions and collect and process community information; design and develop applications based on Filecoin and IPFS.

- Managed an agile team of 5 members, including 2 front-end developers, 2 back-end developers, and 1 UI designer.
- Published Filecoin Weekly newsletter (internal), featuring content such as Filecoin-related news, offline events, code updates, articles, and videos. Successfully released 15 issues, with over 500 cumulative views.

Muri Tech Ltd.

Mar 2021 - Jul 2021

Front-End Lead

Hangzhou

Optimized Git workflow and advanced the construction of the front-end design system, which led to an early promotion to Front-End Lead.

- Managed a 5-person front-end team responsible for developing and maintaining web applications. Implemented a new Git workflow (based on Trunk-Based Development), reducing bugs caused by code conflicts.

- Migrated legacy UmiJS code to NextJS and performed refactoring, optimizing SEO through SSR; reduced package size by 10%; and improved development experience.
- Introduced Directus CMS and NextJS Preview Mode features, reducing backend development workload by 10%; streamlined the process for updating copy and images, reducing the time from 1 day to 10 minutes.

ByteArk Tech Ltd.

Feb 2019 - Feb 2021

Front-End Lead

Hangzhou

Promoted to Front-End Lead after probation, responsible for formulating front-end standards and architectural design.

- Managed an 8-person front-end team, responsible for developing and maintaining web applications, mobile applications, and WeChat mini-programs.
- Established development processes and standards, including Git workflow guidelines, code Lint rules, code review guides, front-end design systems.
- Researched agile development methodologies and put them into practice, improving team efficiency and producing over 10,000 words of documentation.

Ningbo Port Information and Communication Ltd.

Aug 2018 - Jan 2019

Front-End Developer

Ningbo

Developed and maintained a port declaration system website, using a technology stack of Java and ExtJS.

- Introduced polyfills for grid and flex, ensuring compatibility with IE11 while optimizing the development experience.

Projects

Ark eTS runtime

Aug 2023 - Present

Software Engineer

OpenHarmony, Huawei

C++ ArkTS EcmaScript Compiler AOT PGO JS Runtime

The Ark eTS runtime is the default ArkTS language runtime on OpenHarmony. It supports standard libraries defined by the EcmaScript specification and efficient container libraries, provides full C++-interactive ArkTS NAPIs and a variety of high-performance garbage collectors, and drives OpenHarmony applications in the age of the Internet of Everything.

- Implemented IR optimization for AOT tryldglobalbyname bytecode.
- Implemented IR optimization for AOT stprivateproperty and ldprivateproperty.
- Clarified the state relationship between PGO and GC, fixing potential multi-threading issues.

MePrint

Mar 2021 - Jul 2021

Front-End Lead

Muri Tech Ltd.

React NextJS React Query Emotion DirectusCMS

An AI-based clothing pattern design platform.

- Migrated legacy UmiJS code to NextJS and performed refactoring, optimizing SEO through SSR; reduced package size by 10%; and improved development experience.
- Introduced Directus CMS and NextJS Preview Mode features, reducing backend development workload by 10%; streamlined the process for updating copy and images, reducing the time from 1 day to 10 minutes.
- Implemented react-query, reducing the complexity of state management and enhancing both user experience and development experience.

Dragonfly

Oct 2020 - Nov 2020

Front-End Lead & Product Design

ByteArk Tech Ltd.

Vue NodeJS Go Powergate IPFS Lotus

A docker image storage service.

- The project won the first prize in the first phase of the Filecoin Slingshot competition.
- Modified Powergate's source code to enable the import of offline transactions into the database.
- Delivered a project presentation at the Closing Ceremony ([video link](#)).

Matrix

Sep 2019 - Jan 2020

Front-End Lead

ByteArk Tech Ltd.

Flutter Taro React Fastlane

A mining equipment management system client.

- Built a multi-platform mobile application using Flutter.
- Automated the release process using Fastlane.

Arc

Sep 2019 - Jan 2020

Front-End Lead

ByteArk Tech Ltd.

TypeScript React Rollup Emotion Storybook Jest

A design system focusing on user experience and usability.

- Researched and analyzed over 10 design systems.
- Developed more than 10 components, which have been successfully used in production environments.

Education

University of Guelph

Sep 2012 - Feb 2018

Bachelor of Computer Engineering

Languages

Chinese Native speaker **English** Fluent

<https://resume.ekil.io>

August 3, 2024