

# Mars Wong

Full Stack Engineer

[marswong618@gmail.com](mailto:marswong618@gmail.com)

<https://github.com/marswong>

*Experienced full stack developer, familiar with enterprise platform design and implementation.*

*Looking forward to challenging with great talents.*

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## PROFESSIONAL EXPERIENCE

### NIO

Principle Engineer, July 2021 – present

- Chief web architect of the AI Platform, responsible for the PasS design, including REST API guideline, SSO, ACL, CICD, etc.
- Responsible for the design and implementation of the issue tracking pipeline for autonomous driving business.

### BuzzBreak

Founding Full Stack Engineer, December 2020 – July 2021

- Lead the web team of 3 FTE.
- Lead the design of product function and user growth strategy, which achieved 20% growth of BuzzBreak's DAU.
- Responsible for the design and implementation of the content review pipeline, to provide guarantee for content security.
- Responsible for the design and implementation of the operation platform, to support the daily work of the operation team, including KOL management, push, campaign daily report, content labeling, etc.
- Responsible for the design and implementation of the event analysis platform, which supports tracking all event data of the active users.
- Responsible for the design and implementation of CI workflow.
- Responsible for the design and construction of database, cache and CDN.

### ByteDance

Senior Frontend Engineer of AML, June 2018 – December 2020

- Lead the frontend team of 5 FTE.
- Participate in the design and implementation of enterprise-level machine learning platform as the principal frontend engineer, which provides one-stop model development, recommendation system construction and service ops capabilities for the core Ads and Feed business of ByteDance.
- Responsible for platform function design, including model development workflow, recommendation system dashboard, DAG-based construction tasks, etc.
- Responsible for the design and implementation of platform frontend infrastructures, including framework, UI components, internationalization, IDE, etc.

- Responsible for the design and implementation of BFF services, including authentication, feedback, notification, search, etc.
- Responsible for the design and implementation of CI workflow and in charge of Code Review.
- Design and build the CI workflow for platform.
- Participate in the development of enterprise-level data analysis product (used by more than 100 companies, produces millions of queries per day), implement general metrics reports based on [ECharts](#), and provide subscription and monitoring capabilities of reports by scheduled tasks.
- Responsible for the design and implementation of enterprise-level demand management product (used by more than 10,000 internal employees), implement frontend based on [UniJS](#) and [DvaJS](#), implement backend and robot based on [Django](#) and [Redis](#).
- Responsible for the design and implementation of frontend infrastructures (used by more than 20 platforms), including CLI and common UI components.

## **Integem (Intern)**

Full Stack Intern (Remote), October 2017 – April 2018

- Build the core AR information flow product based on [Express](#), [MySQL](#) and [Vue](#).
- Build multiple BI products based on [ECharts](#) and [Snap.svg](#).
- Build desktop application for AR workflow construction and visualization based on [Electron](#).
- Build Scratch-like project management product based on [Next.js](#) and [Koa](#).

## **Ant Financial (Intern)**

Frontend Intern of [Ant Design Team](#), May 2017 – August 2017

- Participate in the development of Ant Financial Cloud console, mainly responsible for the frontends of message queue and micro-service.
- Build frontend scaffolding based on [Ant Design](#), [DvaJS](#) and [Webpack](#).
- Participate in the maintenance of [Ant Design](#) and internal business components.

## **EDUCATION**

### **Chongqing University of Posts and Telecommunications, China**

*Bachelor of Information Management and Information System, June 2018*

## **ADDITIONAL SKILLS**

- Familiarity with [Linux](#) and common network protocols.
- Familiarity with [JavaScript](#), [Python](#), [Lua](#) and [Go](#).
- Familiarity with common frontend frameworks/tools, including [Vue](#), [React](#), [Svelte](#) and [Webpack](#).
- Familiarity with web frameworks, including [Next.js](#), [Fastify](#), [FastAPI](#) and [Fiber](#).
- Familiarity with common storage, including [TiDB](#), [MongoDB](#), [Redis](#) and [etcd](#).
- Elegant style of [REST](#) API.
- Familiarity with common user growth strategies.
- Keen product sense and UX experience.