

Malike Zhao

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PROFESSIONAL SUMMARY:

- Professional software developer with hands-on experience in Agile/Scrum methodologies.
- Architecture and infrastructure master with experience in Microservices, Cloud platforms, Messaging systems and performance optimization.
- Back-end development with RestAPI, SOAP, GraphQL and gRPC.
- I have worked on various kinds of projects like E-commerce, ERP, Educational applications, Social Media platforms, Employee management systems, and etc.
- Search Engine implementation with ELK & Solr.

TECHNICAL SKILLS:

Software Engineering	Java, C#, .NET
Web Front-end Development	HTML5/CSS3/JavaScript, ES6+, TypeScript React, Angular 2+, Vue.js, Angular.js, Ember.js, jQuery
Hybrid & Cross-platform apps	Electron.js, MeteorJS, React-Native, Ionic Framework
Back-end Development	Node.js, Ruby on Rails, Laravel, Golang, Python
CMS and Headless CMS	WordPress, Shopify, Magento, Drupal
Database Administration	PostgreSQL, MySQL, MS SQL Server, MongoDB, Elasticsearch
Cloud Services	Amazon Web Services, Microsoft Azure, Google Cloud Platform
Mobile Development	Android SDK, Swift, Objective-C, Xamarin.Android
Design and Wireframes	Zepplin, Sketch, Figma, Invision, Adobe XD, Photoshop
Service Management	Docker, Kubernetes, Linux, Apache technologies
Automated Test and Unit Test	PHPUnit, JUnit, JMeter, Jest/Enzyme, Jasmine, Karma, Mocha/Chai, XUnit, Appium, Rspec,

PROFESSIONAL EXPERIENCE:

Company Name: Self-Employed

Jan. 2016 - Present

Role: Full Stack Engineer

Responsibilities:

- Everything myself – from idea/design to deploy/maintenance
- Mainly worked with JavaScript/TypeScript/Node.js and Golang.
- Tele-clinical project with WebRTC/WebSocket/Twillio + AWS Appsync/Lambda + MERN – (**Alpha Telemed**)
- Hybrid dating applications & quiz systems built with React-Native/Ionic + Node.js + Electron.js
- Mobile development with Native/Hybrid skill set
- E-commerce web portal migration from legacy skills (Angular.js + PHP Core) to modern ones (React + Ruby on Rails)

Environment: Java, Golang, Laravel, JavaScript/TypeScript/Node.js, React, Vue.js, Apollo-GraphQL Client/Server, PostgreSQL, ELK stack, AWS, Azure, Docker, Kubernetes, Linux, Test Automation

Company Name: Rhino (SayRhino.com)

Jan. 2021 – May. 2021

Role: Full Stack Developer

Responsibilities:

- Insurance management platform
- Worked on portal & admin websites V2.0
- Stripe integration for payment features
- Insurance and its policy management

Environment: React.js, Material-UI, Jest/Enzyme, Ruby on Rails, RSpec, PostgreSQL, Heroku

Company Name: Granite Telecommunications (Granitenet.com)

Nov. 2020 – Apr. 2021

Role: Full Stack Developer

Responsibilities:

- Telecommunication project which is similar to Slack
- Text message functionality with channel features
- SMS integration into application with BandWidth API
- Contact management system with OneLogin integration.

Environment: Angular, Ionic, Golang, Docker, MongoDB, WebSocket, WebRTC, gRPC, BandWidth API

Company Name: Kubblar

May. 2020 – Aug. 2020

Role: Web Developer

Responsibilities:

- A MVP for vehicle management system
- Collects fuel consumption information for all vehicles in a delivery company
- Build a correct strategy for movement of a vehicle for less fuel
- Cooperated with a graphical designer and 2 ML engineers

Environment: Node.js, Golang, React, MongoDB, Tensorflow, Google Cloud Platform, Heroku

Company Name: Teramind

Jan. 2020 – Apr. 2020

Role: Web Consultant

Responsibilities:

- Employee management software
- Migration from legacy skills to modern technologies
- Mainly worked on back-end programming
- Making statistical results for dynamic charts and reporting tables
- Dynamic rules and policies for various employers

Environment: Node.js/TypeScript, Knex.js, Mocha/Chai, Laravel, Angular.js, PostgreSQL, Docker, AWS

Company Name: Omnecrome

Jul. 2019 – Feb. 2020

Role: Full Stack Developer

Responsibilities:

- Ticket management system for public transport
- Built back-end with microservices architecture
- Front-end development from the beginning
- Database administration with PostgreSQL

Environment: Java, Spring framework, Angular + Material UI, PostgreSQL, AWS, Telegram API, Google Cloud Platform

Company Name: ECR
Role: Full Stack Developer

Jun. 2017 – Apr. 2019

Responsibilities:

- Teaching material management system with activity/rewards organizing features
- Build Restful API with Java SpringBoot framework
- Database architecture design and maintenance with PostgreSQL
- Front-end development for supervisor panel
- Advanced searching feature with ElasticSearch
- Search engine data management through Logstash plugin

Environment: Java Spring Boot, Vue.js + Element UI, PostgreSQL, ElasticSearch + Logstash

Company Name: Daily Kos
Role: Full Stack Engineer

Dec. 2016 – Nov. 2018

Responsibilities:

- Mainly worked on forum maintenance project
- Implementation of Web Socket for news subscription and notification
- Worked on Elasticsearch for advanced search functions
- RNN implementation for changing weight of search parameters
- UI modification with new design
- Forum activity statistics function with D3.js and MongoDB aggregation framework

Environment: React.js, Material-UI, React-Redux, Apollo-GraphQL, Ruby on Rails, Node.js, WebSocket, SendGrid, MongoDB, D3.js, Google Cloud Platform

Company Name: InteractRV
Role: Web Developer

July. 2014 – Sep. 2016

Responsibilities:

- Worked on several business applications and other kinds of software productions from individual client.
- Used Microsoft technologies for large-scale business applications – e.g. C#, Angular.js/jQuery, MS SQL Server, Azure
- Wordpress and Magento for e-commerce startups
- Headless CMS with WordPress/Shopify + Laravel + React/Angular 2+
- Service maintenance with Azure and AWS Lambda
- QA Engineering with PHPUnit, JMeter/JUnit
- Mentorship for Jr. Developers

Environment: PHP, Java, C#, Node.js, Golang, jQuery, React, Angular.js, Angular 2+, Azure, AWS

Company Name: Lone Star Computers
Role: Web Developer

Aug. 2011 – Feb. 2014

Responsibilities:

- Worked as a Jr. Web Developer
- HTML/CSS/JavaScript tutorial website
- Landing pages for company advertisements
- PHP + MySQL to build new version of company management system

Environment: HTML, CSS, JavaScript, PHP, Java, C#

EDUCATION:

Bachelor of Computer Science and Technology, Tsinghua University, China