

# Andrei Shen

## Senior Full-Stack Developer

Highly dedicated, enthusiastic, and professional **FULL STACK DEVELOPER** with **9+ years** of experience in web and mobile application development, especially in **React, Angular, Vue, Node, Express, C#, ASP.NET and PHP**. Looking forward to working with the **best**.

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## WORK EXPERIENCE

### Senior Full Stack developer

Robotalker (Fort Lauderdale, FL, US)

01/2022 - 01/2023

*Robotalker is a platform for online calling and messaging.*

#### Achievements/Tasks

- **Updated** and **redesigned** company website, adding clean and responsive components using **React** and **Node** Backend.
- Built reusable, responsive components with **React, Tailwind CSS, Material-UI**.
- Worked in highly collaborative **Agile team environment**.
- Experience in using **build/deploy tools** such as **Jenkins, Docker and Kubernetes** for **Continuous Integration & Continuous Deployment** for **Microservices**.
- Performing **Code Reviews and QA** with the team, design reviews with the requirements.
- Good experience with **Node** backend to perform operations such as CRUD operations and writing complex queries with **PostgreSQL, MySQL, MongoDB, Redis, and RabbitMQ**.
- Implemented '**server less**' architecture using **API Gateway, Lambda, and Dynamo DB** and deployed **AWS Lambda** code from **Amazon S3** buckets.

### Senior Full-Stack developer

Onetake AI (Paris, France)

01/2020 - 01/2022

#### Achievements/Tasks

- **Developed modern online video player** with **HTML5/Canvas** by using **React.JS/Fabric.JS** from **scratch**.
- **Led and managed** a team of **7 developers**, including 3 Frontend developers, 3 Backend developers and 1 DevOps.
- Participated in **300+ code reviews** to ensure **code quality**.
- Gave **technical guides** to the junior developers twice a week for about 2 years.
- Solved **challenging dataset problems** by implementing ideas from **distributed computing, large-scale design, real-time data processing, data storage, machine learning, and artificial intelligence**, so that **save 35% of costs** associated with data maintenance.
- Developed **Unit and E2E test cases** using **Jasmine, Jest, Mocha and Grunt, Node.JS**.
- Thrived in fast-paced, iterative **startup** environment and had opportunity to experience excitement and **rapid pace** of startup while benefiting from support and leadership of established and successful business team.

### Web developer

Kamchihau (Hong Kong)

03/2015 - 12/2019

#### Achievements/Tasks

- Used **React & Angular & Vue** to make **Reactive Frontend** of **5 projects** by improving the overall **UX, simplifying** the **project structure** and **emphasizing reusability & scalability**.
- Built HIS software solution on **microservice** which solve many issues with managing hospital information using **Node, Rest API and Express.js**.
- Developed and deployed a web app to replace a legacy **volunteer recruitment website**. Used **Node.js, C#, and ASP.NET** in conjunction with **Bootstrap**. This resulted in **50%** increase in customer conversion.
- Reduced project development times by over **60 hours** by building **reusable components** and **templates**.
- Introduced **TDD methodology** and proposed leveraging Scrum to shorten release times by **40%** and improve code quality.
- Gained experience working remotely with a small team of engineers and project managers.

## SKILLS

HTML5

CSS

SCSS

MUI

TailwindCSS

JavaScript

TypeScript

React/React Native

Redux/Saga

Next

Angular

Vue

Nuxt

Swift

Ruby/RoR

Go/Rust/Solidity

Java

GraphQL

Apollo

C#/ASP.NET

Node/Express

Python/Django

Flask

RestAPI

PHP

Laravel

Wordpress

Prestashop

Magento

MySQL

PostgreSQL

Oracle

MongoDB

DynamoDB

Redis

AWS

Azure

GCP

Firebase

Docker

Kubernetes

Git/Vercel

CI/CD

Jira

Agile Methodology

Jest/Cypress

## EDUCATION

### Bachelor of Computer Science

Tsinghua University

09/2009 - 10/2014

### Software development Bootcamp

University of Chicago

12/2014 - 02/2015

## LANGUAGES

English

*Native or Bilingual Proficiency*

Mandarin

*Native or Bilingual Proficiency*

## INTERESTS

Hiking

Football

Swimming