

# 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 **Vue.js, React, Angular, PHP, C#, ASP .NET, Node.js** and **Express.js**. Looking forward to working with the **best**.

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☎ (517) 680 - 4815

## 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 **Vue** and **PHP** Backend.
- Built reusable, responsive components with **Vue**, **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 **PHP**, **Laravel** and **Node** drivers 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

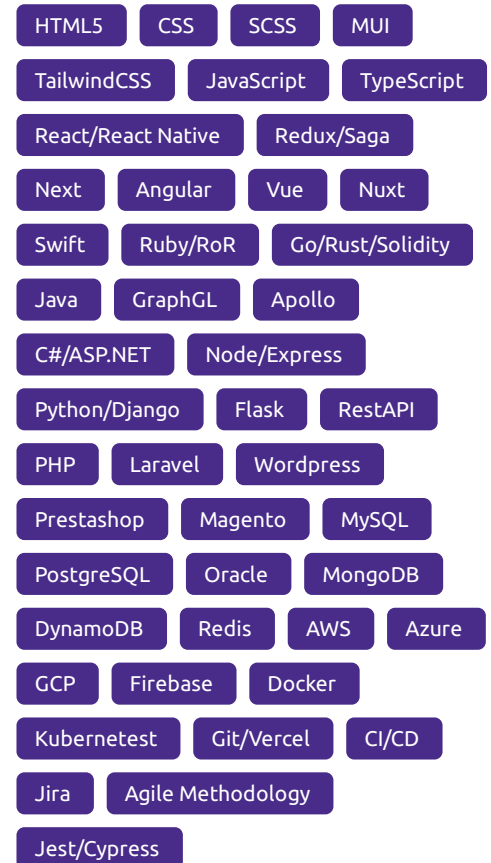
Kamchihau (Hong Kong)

03/2015 - 12/2019

#### Achievements/Tasks

- Used **Vue & React & Angular** 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 **PHP**, **C#**, **ASP.NET**, **Rest API** and **Express.js**.
- Developed and deployed a web app to replace a legacy **volunteer recruitment website**. Used **C#**, **ASP.NET** and **Node.js** 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



## 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

