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, C#, ASP.NET, PHP, Node.js** and **Express.js**. 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 **C#** 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 **C#, Asp.net** 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.
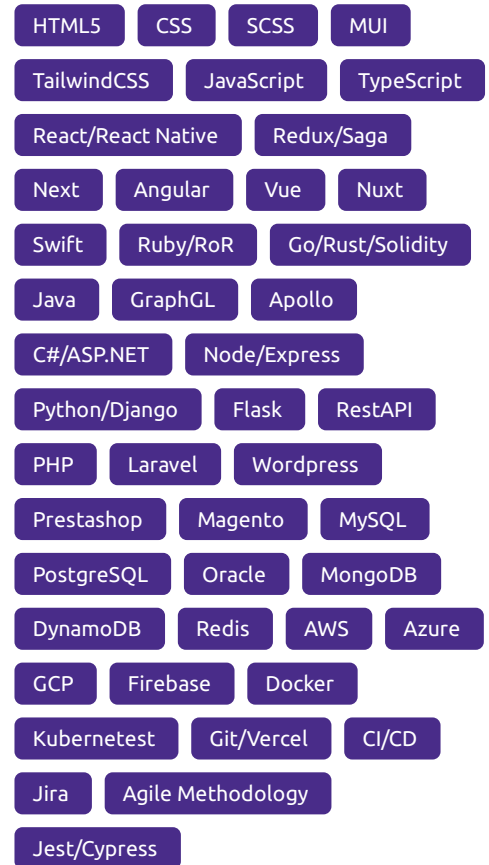
Web developer
Kamchihau (Hong Kong)
03/2015 - 12/2019

Achievements/Tasks
- Used **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 **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

HTML5　CSS　SCSS　MUI
TailwindCSS　JavaScript　TypeScript
React/React Native　Redux/Saga
Next　Angular　Vue　Nuxt
Swift　Ruby/RoR　Go/Rust/Solidity
Java　GraphGL　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
Kubernetest　Git/Vercel　CI/CD
Jira　Agile Methodology
Jest/Cypress

EDUCATION

Bachelor of Computer Science
Tshinghua University
09/2009 - 10/2014

Sotware development Bootcamp
University of Chicago
12/2014 - 02/2015

LANGUAGES

English
Native or Bilingual Proficiency

Mandarin
Native or Bilingual Proficiency

INTERESTS

Hiking　Football　Swimming