

JAMES WANG

Senior Software Engineer

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📍 Seattle, WA

SUMMARY

A Senior Software Engineer with 10+ years of experience in software development, with a strong command of 5+ programming languages such as **HTML**, **CSS**, **JavaScript**, **PHP**, **TypeScript**, and **Python**, as well as proficiency in designing and implementing efficient algorithms and data structures. Experience spans various domains, including **Microsoft** and **AWS**, enabling me to adapt quickly to rapid changes and contribute effectively to diverse projects. Focusing on detail and passion for creating visually appealing and user-friendly experiences. Technically proficient and analytical solver with a calm and focused demeanor. When not working, nice sportsman.

ACHIEVEMENTS

-  **Customized Redux Middleware**
Created a customized Redux middleware to display real-time data on the web socket connection.
-  **A New Steganography using Python**
Improved steganography using 100% of the new algorithm in the university.

EXPERIENCE

Senior Software Engineer

Toptal

📅 01/2019 - Present

- Built initial structures of 10+ web applications and development environment.
- Systems Architect with a focus on **infrastructure**, **Kubernetes**, **Terraform**, **Docker**, **CICD pipeline**, and **Linux**.
- Developed and maintained 30+ web applications for internal teams built with **React**, **Node.js**, and **Laravel** while providing high test coverage of **unit testing**, and **end-to-end testing**.
- High-skilled Senior Front End Developer with expertise in **React**, **TypeScript**, and **React Hooks**, leveraging these technologies to deliver robust and scalable web applications.
- Worked on 10+ serverless web applications with **AWS Lambda**, **AWS DynamoDB**, **AWS S3**, **AWS SNS**, and so on.
- Educated on design and frontend development best practices including developing for accessibility.
- Mentored 20+ new members of the team.

Full Stack Developer

Toptal

📅 01/2018 - 12/2018

- Developed and maintained software applications for various clients, ranging from startups to enterprise-level organizations.
- Completed 5+ web applications, and platforms using **MERN**, **MEAN**, and **Laravel**.
- Extensive experience in cross-platform mobile app development using **React Native**, delivering seamless user experiences on both **iOS** and **Android** platforms.
- Introduced **WebRTC** to ensure smooth 100% real-time communication, such as video conferencing and real-time data updates.
- Implemented 100% effective and scalable RESTful APIs.
- Contributed to Stripe API with **GraphQL**, **REST** and **TypeScript**, **Python**.

Software Engineer

Newsela

📅 04/2016 - 12/2017

- Designed and developed 10+ RESTful APIs using **Node.JS**, **Express**, **Nest**, **PHP**, **Laravel**, **Python**, **MongoDB**, **PostgreSQL**, **MySQL**, **Redis**, **Amazon Web Services**, **Microsoft Azure** and **Google Cloud Platform**.
- Translated 20+ **Figma**, **Adobe XD** designs to pixel-perfect and fully responsive design using **JavaScript**, **TypeScript** and its libraries, **HTML**, **CSS** and **SCSS**, and **LESS** - CSS preprocessors.
- Developed complicated user interfaces which relied on using **web sockets** for **real-time communication** between browser and **AWS services**.
- Wrote 100% **unit test** using **Jest**.

Software Engineer Intern

Google

📅 09/2015 - 03/2016

- Collaborated well with a software development team of 10 members.
- Prepared and submitted 50+ reports and other documentation to assist development team members.
- Partnered 50+ team members to learn best practices in software design.

SKILLS

HTML **CSS** **JavaScript** **PHP** **Python** **TypeScript** **C/C++**

SKILLS

React.js	React Native	Next.js	Angular	Vue.js	Node.js	Nest.js	Laravel	WordPress	Django	iOS
Socket.IO	Material UI	Tailwind CSS	Figma	MySQL	PostgreSQL	MongoDB	Amazon Web Services			
Google Cloud Platform		Microsoft Azure	RESTful API	GraphQL	CI/CD pipeline	Git	Kubernetes	Docker		
Jira	Jest									

EDUCATION

Master's Degree: Computer Science

University of Miami

09/2010 - 05/2015

Bachelor's Degree: Computer Science

University of Miami

09/2006 - 06/2010

CERTIFICATION

Certified React & Redux Engineer

05/2017 - Issued by Edureka

Certified Node.js Developer

10/2016 - Issued by OpenJS Foundation

AWS Certified Developer

04/2022 - Issued by Amazon Web Services (AWS)

AWARDS



Team Achievement Award

Completed successful Client Relationship Management System in 2022



The Employee of the TopTal

Exceptional performance and contributions in the workplace in 2018