

JAMES GUO

Senior Software Engineer

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EXPERIENCE

Senior Software Engineer

Orases

04/2019 - Present Frederick Maryland United States

USA-based custom software development company passionate about building unique software solutions to streamline workflow & increase revenue

- Developed **JavaScript** to restrict hosts from uploading low-quality files or unsupported formats saving storage and labor
- Experienced in using a range of databases including **MySQL**, **MongoDB**, and **Oracle**
- Added a variety of third-party analytics tools to the app to help empower both engineering and product to make informed and results-driven decisions
- Followed Test Driven Development (**TDD**) using Jest and mocha for unit testing, Enzyme for component-based testing and cypress for end-to-end testing
- Contributed to the in-browser slide generator and renderer using **VueJS**
- Implemented a best practice for **SEO** and added **JSON** for better search user experience
- Updated and added new **RESTful APIs** by using Apollo **GraphQL** + **AWS Lambda** function
- Upgraded architecture of an enterprise clothing platform **React**, **Node**, **MongoDB**, **Firebase** (improved in number of requests per second)
- Enforced strict **TypeScript** standards to increase code quality, reduce code complexity, and make it easier to onboard new developers

Software Engineer

Iflexion

01/2015 - 04/2019 Denver Colorado United States

Iflexion helps customers embrace the mobile-centric web reality and transform legacy systems into modern cross-platform applications.

- Worked closely with product team to build intelligent search functionality in **Angular** for e-commerce site with catalog of products leading to increase in page views per session
- Developed RESTful APIs using **Laravel** framework as well as integrate with third-party APIs especially through REST
- Strong understanding of **Django**'s Model-View-Controller (MVC) architecture and ability to design and implement scalable, maintainable, and reusable applications
- Developed and maintained a large-scale e-commerce website using **Django**, PostgreSQL, and AWS
- Using **Angular** to built extensive test coverage for all new features which reduced number of customer complaints
- Programmed websites and web applications, encompassing design, coding, testing, and maintenance
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations
- Collaborated effectively with members of software development team and personal in other departments
- Used **Redux**(Redux-thunk, Redux-saga, Redux-toolkit) for general state management
- Created beautiful charting solutions for analytics module using **D3.js**

Software Development Engineer Intern

Yahoo

09/2014 - 12/2014 Greater Seattle Area

global media and tech company

- Create animated banner ads in HTML5 and JavaScript (GSAP)
- Create emails template, custom mailer
- Create custom landing pages
- Transformed design mock-ups into HTML5/CSS3 layouts and implemented dynamic Elements and reusable libraries with Javascript, jQuery.

Research and Teaching Assistant

National Taiwan University

08/2013 - 08/2014 Taipei

Company Description

- Identify critical information from lectures or readings and then elaborate on it to help students understand the material.

Compulsory military service

ROC Army

07/2012 - 07/2013 Taipei

ROC Army

- As an aviation maintenancer, Consistently achieved 100% pass rate on quality assurance inspections while still meeting deadlines; used meticulous attention to detail and proactive approach to problem resolution.

EDUCATION

Computer Science

National Taiwan University

09/2008 - 06/2012

SUMMARY

Goal-oriented Web Developer brings strong commitment to collaboration and solutions-oriented problem-solving. Acknowledged for superior skills in technical research and analysis. Exemplifies commitment to continual skill and knowledge improvement through comprehensive software engineering exposure. Highly analytical and organized in delivering high-quality work while orchestrating a wide variety of duties in a fast-paced environment. Known as an effective team player with strong communication skills while exhibiting professional excellence.

LANGUAGES

English

Proficient

Chinese

Proficient

Vietnamese

Native

SKILLS

Amazon Web Services	Angular	React	Git	TypeScript	Node	Laravel	Python
Frontend Development	Backend Development	Vue.js	GraphQL	Kubernetes	Docker		
Microservices	PostgreSQL	Git	Agile	SOAP	React Native	DevOps	MySQL
Linux	Debugging	Jira/Trello	Redux	NgRx	Vuex	PHP	Python
							Next.js
							Nuxt.js