Joey Liu, Software Developer

joeytall.liu@gmail.com | (778) 829-4675 | Vancouver, BC, Canada

A results-oriented developer who has an obsession with code quality and a strong sense of ownership.

Frontend Software Engineer @ Amazon   2018-11-09 — Present

- Led and launched multiple internal websites and expand them to 23 different regions
- Achieved full CI/CD by setting up website black-box tests and canaries with Cypress
- Proactively improve customer experience by setting up client-side metrics and monitor them from CloudWatch dashboards
- Demonstrated JSON auto form concept with a POC which saved hundreds of development hours
- Drastically improved customer experience by combining multiple web apps into a single page application
- Solved front end cache inconsistency permanently through CloudFront integration
- Participated and won AWS hackathon 3 years in a row

Full Stack Developer @ Fortinet   2015-09-08 — 2018-11-01

- Brainstormed and delivered Access Control List (ACL) system which supports privilege customization for pages/features/commands
- Deployed an internal app written in Node.JS which provides seamless collaboration between developers and QAs
- Optimizing SQL query to reduce the loading time for serval pages by up to 80%
- Reduced the loading speed of all dashboard pages from 8 to 1 seconds while implementing responsive design for friendly UX
- Solved complex technical issues on production environment by setting up screen sharing sessions with customers
- Hired/mentored junior developers and provided guidance through code review while constantly assigning tasks to them

.NET Developer @ Tero Consulting Ltd   2014-05-01 — 2015-09-01

- Achieved 3 times faster application loading speed by centralizing WCF services with LINQ classes.
- Responsible for the design and development of the scheduling module using Telerik RadScheduler.
- Reduced the loading time for batch print forms by 70% through redesigning the print form module
- Created windows form app for search & replace complex patterns in files as well as database update.

Ruby on Rails Developer @ Stembolt   2014-02-01 — 2014-05-01

- Ramp-up efficiently and able to produce production-ready code in a timely manner
- Implemented numerous enhancements and provided creative UX design for multiple projects.
- Maintained highly distributed Rails web applications for several high performances, high traffic live sites
- Collaborated with PM and UX designer regarding product definition, schedule, scope, and project-related decisions.

Languages:	TypeScript, JavaScript, Python, Java, C#, HTML5, CSS3, SASS, Ruby
Database:	DynamoDB, Sqlite3, PostgreSQL, MySQL, MongoDB
Methodologies:	TDD, OOP, Agile, Revealing Module Design Pattern
Frameworks:	Cypress, Django Python, ASP.NET, Node JS, Ruby on Rails, Flask, WordPress
Development Tools:	Intellij IDEA, Vim, Zsh, Visual Studio, Chrome Dev Tools, Atom, Jenkins, Photoshop
Operation Systems:	Mac, Ubuntu, Linux, Windows
Libraries:	React, Webpack, Vue.Js, Angular, jQuery, Lodash, D3, Gulp, Kendo UI, Express
Version Controls:	Git, SVN, TortoiseSVN
Code Review:	Gerrit, ReviewBoard/RBTools

AWARDS		
	AWS Marketplace Operation Wizard, AWSMP	2019-06-10
	Implemented award-winning hackathon chatbot project powered by Amazon Lex	
	AWS Safty Infrastructure 2020 Hackathon Winner, ASI	2020-08-01
	Delivered neuro-linguistic programming project for automatic sensitive data detection	
	AWS Safty Infrastructure 2021 Hackathon Winner, ASI	2021-07-22
	Design and implemented multi-layer comment feature with rating system within two days	

EDUCATION		
	University of British Columbia	2009-09-01 — 2013-11-01
	Bachelor - Computer Engineering	

LANGUAGES	
	English , Mandarin

INTERESTS		
	Outdoor	*Hiking, Travelling*
	Reading	*Clean Code, Clean Coder, Code Complete 2*