

Justin Kuo

Full Stack Software Engineer with extensive experience in product development and ownership. Skilled at strategizing, building, scaling, and optimizing highly technical products.

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EXPERIENCE

Element 84, Alexandria, VA — *Software Engineer*

June 2019 - PRESENT

Proposal and implementation of an AWS based architecture for a secure PII application with an emphasis on the encryption of data at rest and data in transit, Design and development of an enterprise-level application using the Serverless framework with React, Node, and AWS resources, Promoting end-to-end programming standards via automated pre-commit integration testing using Cypress (for React frontend) and Chai (for Node backend) and JSLint for overall code quality, Creating and maintaining a multi-node ELK stack that is used to observe and alert on enterprise application operational logs

Element 84, Alexandria, VA — *Junior Software Engineer*

June 2017 - June 2019

Implemented and maintained a streaming platform built with Ruby on Rails and React with a strong presence in SEO and accessibility, Utilized Jenkins and Docker to develop a CI/CD pipeline that allowed for automatic deployments of static sites from new Git branches, UX design and React implementation of a searchable, open source digital repository of community submitted documents that allowed for client-side semantic interoperability and metadata indexing through an easy to use UI

Sihmy International, Remote — *Solutions Architect*

September 2016 - January 2017

Designed and implemented an internationally scalable, low-maintenance AWS based architectural solution and ultimately reduced 98% of costs

EDUCATION

University of Maryland, Baltimore County — *B.S. Computer Science*

June 2018

SKILLS

React: ★★★★★

Node: ★★★★★

Angular: ★★★★★☆

SQL/GraphQL: ★★★★★☆

Ruby on Rails: ★★★☆☆

Swift: ★★★☆☆

Objective-C: ★★★☆☆

Certifications

Google UX Design, 2021

AWS Solutions Architect-Associate, 2020

AWS Developer-Associate, 2019

AWS Cloud Practitioner, 2019

AWS Technical Professional, 2019

AWS Business Professional, 2019

LANGUAGES

English, Mandarin Chinese