Justin Kuo

(505) 600-9593
JustinYKuo@gmail.com
justinkuo.dev

Engineering Manager with extensive experience in leading cross-functional product development teams to deliver solutions. Skilled at strategizing, driving collaboration, optimizing processes, and mentoring engineers to achieve results.

EXPERIENCE

Going (Formerly Scott's Cheap Flights), Remote — *Engineering Manager*

January 2022 - PRESENT

Led a cross-functional team to build and release Going's first mobile app. Developed growth plans for engineering at all seniority levels. Developed a technical strategy that ultimately increased user acquisition by 60%, partnering with product owners, technical architects, and directors of marketing. Created tools used for decision making and analysis of strategic results with partnership across Product and Marketing.

Scott's Cheap Flights, Remote — Senior *Software Engineer*

November 2021 - January 2022

Migrated frontend from a Rails application to Next.js. Led the effort to connect and load data to ElasticSearch, reducing response time for the three most utilized endpoints by 95%. Implemented SSO solutions for 3m+ users, reducing sign up and login support tickets by 90%. Partnered with Product to design and implement A/B experiments to increase site engagement and user retention by 60%. Provided technical direction and mentorship to junior developers

Element 84, Alexandria, VA — *Software Engineer*

June 2017 - November 2021

Architected and implemented a secure PII application with an emphasis on the encryption of data at rest and data in transit with 10k+ active users. Delivered web and mobile applications using the Serverless framework with React and Node that allowed clients to manipulate and sell downloadable geospatial data.

Sihmy International, Remote — *Solutions Architect*

September 2016 - January 2017

Migrated four on-premise infrastructures to AWS and reduced costs by 70-98%. Provided guidance on cloud computing best practices to business owners.

TECHNICAL SKILLS

Next.js, Node, AWS, TypeScript, React Native, React, Kubernetes, GraphQL

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

EDUCATION

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