



Floyd (Hongyu) Ding

FULLSTACK ENGINEER

Details

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Skills

AWS Services/AWS CDK
Typescript/Javascript
Relational DB/Postgresql
NoSql DB design/DynamoDB,
MongoDB
React/Vue
Serverless
API/System Design
CI/CD DevOps
Vite/ESBuild
Python
Java
English/Mandarin

Education

B.S. in Computer Science,
Carnegie Mellon University
Aug 2014 – May 2017

Profile

Fullstack engineer with focuses on frontend, serverless architecture and progressive tooling. Ability to lead team to design, implement and maintain a product through its full life cycle. Adept at working with product management, design and leadership to push a project going forward.

Employment History

Fullstack Engineer at Nuvo

March 2022 – Present

- Designed, built and productionized the product from a prototype to an 2 million dollars ARR product.
- In addition to the core product features, designed and built the CI/CD pipeline, logging, metrics, alerting and monitoring systems.
- Set up engineering hiring, growing the team from 2 to 8 engineers, leading the engineering team to work with leadership to complete Series A.
- Set up and handle engineering design, oncall, sprint processes, leading the team to work with Sales, Customer Success and Product functions.

FEE at AWS

Aug 2020 – March 2022

- Launched external facing decision tree engine service to provide context specific architectural guidance/recommendations.
- Launched micro-frontend widget that interacts with backend to provide guidance to users in AWS console.
- Revamped micro-frontend widget leveraging Vite, CSS modules and PagedJS to improve loading speed, responsiveness, accessibility and align PDF generation to W3C printing standard.
- Externalized the widget for usage outside of AWS console.
- Release internal Vite plugins to facilitate all internal developers to build micro-frontend widgets.
- Worked with other platform teams to help review and released a frontend assets gradual rollout service.

FEE at Comixology, an Amazon company

Nov 2019 – July 2020

- Experimented, designed and implemented server side rendering framework with partial hydration capability leveraging Vue.
- Introduced responsive and mobile first design, and led team to built and released new web store experience.

SDE at Alexa, Amazon

Sept 2017 – Oct 2019

- Built Alexa Skill Cleo to gamify the crowd data collection experience.