



## 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

### Senior 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.