
Portfolios: <https://portfolio.vargentdi.vercel.app/>

Technical Skills:

Language/Framework: Lua, TypeScript, Node.js/Next.js, Spring Boot, Go, Python, Java

Tools/Development: Heroku, Vercel, AWS, Jenkins, Serverless Framework, Docker

DevOps: K8S, Terraform, S3, Lambda, Cognito, EC2

Software Engineering Applications:

SQS Message Service | Fullstack Engineer III | *Spring Boot/AWS SQS/ SNS Client/ Lua*

- Update Lua Code in existing embed system to listen Spring Boot Microservices
- Push notification by using SNS client and SQS queue

NLP Process (ALEXA&GOOGLE smart home)| Fullstack Engineer III | *Spring Boot/Typescript(node.js)/Lambda*

- IoT core library build using node.js for google, Spring Boot for Alexa, Async pattern to device listener
- Deploy with serverless to AWS lambda, ENV setup in s3 and parameter store

REST API | Customer web app| Fullstack Engineer III | *lua/ React/express*

- refactor the existing lua library, build the new customer service app to server around 100k user data

GEO-Search API| Software Engineer(Personal) | *MongoDb/ RestAPI/ React/ AWS/ Docker*

- Built the autocomplete search based on google API, Dynamic rendering based on input from google API

Complex E SHOP WEBAPP| Software Engineer(Fullstack) | *Next.js/ Node.js/ Express/ GraphQL/PG SQL /SCSS*

- Redux as the state management system for components, GraphQL as query tool, Nextjs for optimal SSR static file server, Dynamic rendering with express and Next.js api
- styles and animation in scss, Integrated with Strip api and provide self build in OAuth 2.0 auth flow with auth0 and mvc model in server side, using HOC for client side router encrypt

Professional Experience:

FullStack Engineer III

2019-2020

- Fix the backend issue and develop the new applications with new technology stack to lead the company to move into NLP Industry with smart home technology
- Help stable and scale the existing application platform and helped build new messaging service

FreeLancer - Frontend Developer

2017-2018

- Developed custom, dynamic single-page application for drop shipping websites with React/Redux stacks
- Develop a marketing system where business users can announce promotional events through text/email notifications to subscribers

Education:

Galvanize Hack Reactor, Advanced Software Engineering Immersive Program

2019

Oklahoma University, B.S in physics ,Minor in CS

2013-2018