

Alto - Senior software engineer

Dec. 2021 - Present

Details to come

SuperCare Health - Senior software engineer

Feb. 2017 - Dec. 2021

Designed, developed, tested, and provided documentation for the following projects:

Digital signatures	Back-end service providing digital signature functionalities, dynamic PDF rendering, framework for creating signable documents
Full-stack watchdog	Monitors in-house web apps across multiple servers, displays status and other details on an internal web portal, alerts IT in case of crashes, freezes, low resources, etc.
Notification service	Internal and customer-facing back-end service on a serverless architecture that sends emails, texts, and faxes for various events
Call center	AWS Connect integration with custom contact panel and mass outbound IVRs
Delivery driver tracker	Dashboard displaying live locations of the company's delivery drivers on a map
Web portal	Full-stack patient-facing web application on a serverless architecture
Centralized authentication	API server with front and back-end middleware modules for use by internal web apps

Contributed to the following projects:

Document management	Developed auxiliary full-stack services and React components
Delivery management	Provided an address validation service using USPS, various endpoints, code fixes
Care management	Developed the back-end for its customer-facing iOS app and integrated into it an existing API that contains other core business logic
Infrastructure	Migrated servers from GCP to AWS and MongoDB replica sets to AWS DocumentDB

Trading bot for cryptocurrencies

Developed a program that makes trading decisions based on various technical indicators
 Ability to execute modularized trading strategies for flexibility and adaptability to market cycles and trends
 React-based UI that charts coin prices, overlaid with technical indicator graphs and trade points

Dylect/AirBuddy

Developed a full-stack, peer-to-peer video chat web application using WebRTC
 Integrated a collaborative whiteboard with the ability to share images onto the whiteboard
 Integrated a chat box with translation and speech-to-text capabilities
 AirBuddy is an evolution of Dylect with newer technologies, payment handling, scheduling, and video broadcasting

University of California, Los Angeles

Computer Science, B.S.

Graduated Dec. 2015

Current, primary stack	React+Redux with Material-UI for front-end; Node.js+TypeScript and Rust for back-end
Amazon Web Services	API Gateway, CloudFront, CloudWatch, Connect, DocumentDB, DynamoDB, EC2, IAM, Lambda, Load Balancer, Migration Service (server, database) Route 53, S3
Google Cloud Platform	Cloud Functions, Compute Engine, Error reporting/alerting, K8s, Logging, Trace
Notable APIs	FTX, Kraken, Google (Drive, Gmail, Identity, Maps, Text-to-speech, Translation, Vision), SendGrid, Stripe, Twilio (SMS, Video), web3.js
Notable technologies	GraphQL, MongoDB, WebRTC, WebSockets
Testing	Mocha+Chai, Jest, Sinon, AVA for Node.js; Golang's testing package
Languages used in past	Assembly, C, C++, Java, Go, Python, Solidity, SQL

US citizen, willing to relocate. Currently residing in Dallas, TX