

Andy Chen

Rich full-product-life-cycle engineer experience in blockchain/DLT software architecture. Strong Initiative ability to lead medium-size engineer team maintain production-ready codebases.

EXPERIENCE

Blockchain Node Service Inc., San Francisco — *Founder and Project Lead* May 2018 - PRESENT

- Invented the first-of-its-kind modern full node monitoring service to help developer, community, and blockchain users better monitor the blockchain infrastructure.
- Won the top 3 as “the most fundable project” on Draper Demo day in Fall 2018.
- Dockerized multiple blockchain services and built the most unbiased full node distributed network.

Bodhi Project, QTUM Blockchain — *Software Engineer* May 2018 - Oct. 2018

- Led a team of 5 engineers to maintain bodhi server, bodhi DApp, and bodhi crypto, a metamask-like chrome plugin for QTUM blockchain.
- Design and developed production-ready complex smart contracts on QTUM blockchain.
- Re-engineered software architecture to speed up the development process and built the prototype for qinfura, a full node service for QTUM ecosystem.

Ventured International Inc, San Francisco — *Chief Product Officer* July 2017 - April 2018 (resolved)

- Implemented TDD with Jest to engineer production-ready smart contracts in Solidity and deployed to Ethereum Live Network with Truffle framework.
- Launched VentureCoin(VCN), implement ERC20 token and a 3-month crowd-sale on Nov.

Yeah Education Group, Berkeley — *Chief Technical Officer*

Dec. 2015 - April 2017 (currently 3M A.R.)

- Led a software development team to iterate four versions of the full software architect and application in MERN stack, and built over 50 internal/external endpoints.
- The software solution successfully scaled the business 20 times to 2M annual revenue (2016) and led the company to join Berkeley Skydeck incubator in April, 2017.

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OPEN SOURCE CONTRIBUTIONS

Vechain/thorify, update documentation and propose[#8 closed] new thorify features

ConsensSys/Token-Factory, submitted PR#54[open] to update error handling

nodejs/node, submitted PR#10092[merged] and #10093[merged] to update and improve testing environment

dawsbot/mailto, submitted PR#3[closed], PR#4[merged] to resolve multiple issues and optimize key features

TECHNICAL SKILLS

Front-End: HTML, SCSS, Javascript, **React/Redux/MobX**, Angular 1.6/4, **Webpack, RWD**

Backend: RESTful, GraphQL, Express, **Node, Golang**, python, NoSQL, SQL

Fullstack: MEAN, MEAN 2.0, **MERN**, Nextjs, SSR, SEO, JWT

DevOps: npm, **Docker/K8S**, TravisCI, **AWS(VPC, EC2, S3, RDS, EC, EL)**, GCP, IBM hyperledger(Fabric)

Blockchain: EVM, DApp, **Ethereum**, NEO, Cosmos, **Vechain, QTUM**.

Andysign Studio, Mountain View — Senior *Full-stack Engineer*

Oct 2014 - Sept. 2016

- Constructed freelancing website and branding design service. Launched 8 websites including Groove Trend and Swallet visited by 10K visitors daily.
- Implemented A/B testing for UI elements, heatmap analysis on user behaviors and website SEO leading to a 100% increase in traffic in the initial month.

EDUCATION

Draper University, San Mateo — Hero Training Program, top 3

Sept 2018 - Oct 2018

Grow venode project into BNS and graduated at top 3 as “the most fundable project” voted by hundreds of VCs on Demo Day, completed Hero Training Program and is nominated as “the most positive student” by Tim Draper

University of California, Berkeley, Berkeley — Bachelor’s of Science, Cognitive Science

June 2016 - July 2018

Courses: Data Visualization, Blockchain for Developers, Blockchain Lab, Blockchain Fundamental, Computer Human Interface, Cognitive Science, Linguistics, Data Structure, Discrete Math, Machine Learning.

PROJECTS

Leptin — *A PoW cryptocurrency implement in Nodejs*

Designed and Built a whole cryptocurrency in nodejs with leveraging the power of WebRTC, LevelDB, hyperlogs to build a peer-to-peer blockchain implementing Proof-of-work, secp256k1 and dynamical difficulty.

Etherbrite — *An eventbrite-like DApp.*

Built a DApp in Solidity, TruffleJS, Web3js and React/Redux. From deploying events on smart contract to register and check-in.

VRPlayer — *A video player built with ReactVR and openGL*

Built this video player on the fist of ReactVR’s launch, with a focus on the interaction details of user experience in virtual reality.

HACKATHONS/AWARDS

H4YT Blockchain Hackathon 2018 - **No.1 nomination by Cosmos** for building Celadon, a lotionjs middleware donating money to help our environment.

LAUNCH Hackathon 2016 - **1st place of Uber Challenge** [2016] for building Teleport, an advertisement site that magically delivers customers to your door.

AT&T IoT Hackathon - **Best Mobile App and IoT Solution Overall**[2015] for building Connect, a radio player controlled by a gesture controller, Myo.

TEACHING/MENTORSHIP

NodeSchool Oakland and San Francisco Chapter Served as regular monthly mentor in Nodeschool Oakland

Reactathon, 2017 Served as a mentor at the hackathon held by the Real World React organization

Active Medium Contributor
Developed and share a series of tutorials on web development, blockchain-related smart contract, DevOps and software design topics