ANDY LEONG

Senior Full-Stack Developer

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OVERVIEW

In last 7 years, I have been able to develop my strength and skills to enable me to develop many innovative websites and solve difficult problems to a high standard. During my career as full stack | blockchain developer, I learned to design the code to modularize and make it scalable, make the code cohesive, yet loosely coupled to attain maximum flexibility and performance.

I prefer working with technical clients, who know exactly what they want - I am essentially a developer, I design and deploy the software to exactly the spec provided. I am able to work on both frontend and backend developer - often full stack web developer and blockchain engineer as well. I am the best at React/Redux, Vue, Web3 in frontend, Node based frameworks in backend, and Smartcontract, Ethereum, NFT, Solidity in Blockchain.

Fully equipped with ES6, ES7, Flowtypes and Typescript.

I write code in consistent format; I prefer writing in airbnb coding style. I love learning modern technologies. They help me work faster with better quality.

Best particular experience is to work on real estate applications with heavy google map, mapbox, leafletJS APIs and developing cross platform applications with react native and electron.

EXPERIENCE

Senior Full Stack Developer

@Stxtch | VerizonPurposeWall | DearWorld

Salt Lake City, UT   07/2021 - 04/2022

- Delivered a full stack application with Next.js + Redux + Tailwind CSS + Express.js + MySQL
- Participated in the initial wave of developers learning and implementing the Next.js library
- Rewrote HTML to meet industry and company standards for SEO and Accessibility
- Keep the code quality high reviewing from other developers and suggesting improvements
- Worked with Quality Assurance to get new pages/products tested, and addressed any issues within 48 hours
- Created non-technical descriptions of operations and workflow to enable non-coding team to function with minimal interruption
- Participated in 26+ weekly code reviews to ensure code quality and system efficiency

EDUCATION

Bachelor's Degree in Computer Science

Colorado Technical University
04/2012 - 05/2015

   Relevant coursework:
   - Object-oriented Programming
   - Data Structures and Algorithms
   - Database Development
   Extra-Curricular
   - Member of university team for the worldwide SCORE contest for software engineering

SKILLS

Front End

JavaScript TypeScript ES6 HTML CSS React

Redux Next.js Vue.js Nuxt.js Web3.js Ether.js

D3.js MUI PHP Tailwind CSS Bootstrap

Back End

Node.js Express.js Nest.js Rest API GraphQL

Python Django C# .NET MySQL MongoDB

PostgreSQL Microservices

Blockchain

C/C++ Go Solidity Solana Rust Ethereum IPFS

NFT ERC20/ERC721/ERC1155 Minting Metamask

NFT-Marketplace

Storage / Tools / Methodologies

Github GitLab Jira Scrum/Agile Cls Devops

Webpack Gulp Grunt AWS/EC2/RDS/S3

EXPERIENCE

Senior Blockchain Developer

@Ember Fund

Los Angeles, CA   03/2020 - 07/2021

- Created and deployed the EPT ERC20 smart contract to the Ethereum blockchain
- Created a set of smart contracts for the vesting plans of the company's investors
- Implemented a custom web-based Ethereum multi-signature wallet
- Deployed and managed the token vesting smart contracts that lock investors EPT holdings for a particular time and allows them to regularly release part of the entire fund
- Implemented a RESTful API that will engage with the EPT smart contract and perform the actions needed to support the system's mechanics
- Created CLI tools for the company's developers to allow them to easily interact with the multi-signature wallets, as well as token vesting and EPT smart contracts
- Technologies: Go, Solidity, ERC20

Web3 Developer

@Noow Art

Zug, ZG, Switzerland   07/2017 - 12/2019

- Implemented new pages with a React/Redux and integrated with Web3.js
- Worked with smart contract to get permission of accessing NFT, the full list of collection and auction status of NFT
- Worked with both of ERC721 and ERC1155 smart contracts to implement multiple token function in NFT marketplace
- Used IPFS for storing metadata of NFT for content addressing to store file off-chain and make immutable
- Participated in technical meetings about designing the NFT marketplace and been a great problem solver
- Technologies: JavaScript, React/Redux, Web3.js, IPFS

Senior Back End Developer

@Dataseed

Hamburg, SV   05/2016 - 07/2017

- Built Microservices with Node.js + Apache Kafka + Docker
- Created Web Crawlers to collect process information using node.js
- Set up testing framework for team project using Mocha and Jest to test the Node API
- Used "axios" and cheerios modules to analyze the DOM elements

Strength

- Ability to prioritize
- Action oriented
- Critical Thinking
- Communication
- Teamwork
- Problem solving

PROJECT

Core Blockchain Developer

2017 – 2018

- Design the blockchain network architecture and protocol
- Implemented blockchain network protocol with Go
- Implemented consensus protocol (Proof-of-Work/Proof-of-Stake) to blockchain with Go Implemented basic transaction function to blockchain network
- Implemented Wallet addressing using ECDSA
- Created CLI tools to easily interact with the blockchain network

Blockchain Developer

2016 - 2017

- Developed secure Solidity smart contracts for the Ethereum blockchain
- Conducted security audits of Solidity smart contracts
- Implemented interaction with Ethereum smart contracts using JavaScript and web3
- Created ICO smart contracts

WHAT I'M PROUD OF

My courage

- To always leave my comfort zone.
  I'm not afraid to do whatever I need to do achieve my goals!
- Despite any hard situation, I keep my focus on my goals and always move towards them

LIFE PHILOSOPHY

- It always seems impossible until it's done.
- The only failure is giving up.

- Used Promise for synchronization
- Bypassed the Recaptcha using the "Bestcaptchasolver" API
- Built API following RESTful standards to allow users to submit information by storing data in MongoDB and S3
- Documented 100% of technical specifications and dependencies of applications
- Wrote 200+ unit tests to verify the functionality of user interfaces, back-end processing, connectivity, and relational database interactions

Front End Developer

@Toolwire

Pleasanton, CA   06/2015 - 04/2016

- Utilized HTML, CSS and JavaScript to create 30+ responsive landing pages for both company and client
- Implemented live chat for the group class room
- Maintained graphic standards and branding throughout the product's interfaces
- Refactored the existing code base and implemented new features based on user's feedback
- Worked in an Agile (Scrum) development team to deliver regular updates to product team and project managers
- Worked with Quality Assurance to get new pages/products tested, and addressed any issues within 48 hours
- Built from scratch admin platform for managing platform's database entities and users

FIND ME ONLINE

Contact Info

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