

# Donald Chi

FULL STACK SOFTWARE ENGINEER · BLOCKCHAIN SPECIALIST

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Creative and self-motivated software engineer with more than 8 years of experience.  
I love to talk with you about our unique.

## Education

### NUS (National University of Singapore)

B.S. IN COMPUTER SCIENCE, SOFTWARE ENGINEERING OPTION

Singapore

2009 - 2013

### Online Courses (Udemy, Coursera)

CERTIFICATIONS OF INFORMATION TECHNOLOGIES

- Responsive web design, Full stack development course
- Blockchain web development on Ethereum and Solana

Phoenix, AZ

2014 – present

## Skills

**Programming** Javascript, Typescript, PHP, Python, Java, C/C++

**Web - Frontend** React, Vue, NextJs, Redux, Angular, Webpack, HTML5, CSS, SCSS, TailwindCSS

**Web - Backend** Django, Express, Laravel, Nest.js

**Mobile** React Native, Flutter

**Database** PostgreSQL, MongoDB, MySQL

**DevOps** Docker, AWS - Lambda, EC2, S3, Kubernetes, CD/CI

**Blockchain** Ethereum, Solana, Web3.js, Ethers.js

## Experience

### Senior Frontend Developer

Credmark Inc

Phoenix, AZ

Jun. 2022 – Dec. 2022

- Upgraded its old platform using modern frontend technologies: **ChakraUI**, **TailwindCSS** and **Next.js**
- Utilized the Node.js, Express and **GraphQL** to create APIs for both internal and external use reducing the time to ship new frontend features
- Handled building new React components such as chart for the customer-facing web app which improved the time on page and performance
- Built extensive test coverage for all new features which reduced the number of customer complaints by 20% using **Jest** and **Storybook**
- Worked within an agile team and helped prioritize and scope feature requests to ensure that the biggest impact features were worked on first

### Senior Full Stack Developer

Solchicks

Hong Kong

May. 2021 – Jun 2022

- Wrote 200+ unit tests to verify the functionality of user interfaces, back-end processing, connectivity, and **NoSQL** database interactions
- Utilized **Supabase** and **IPFS** for data storage and **Kubernetes** and **Docker** for **CD/CI** pipelines
- Developed token staking and airdrop API and NFT dashboard using **Typescript** increasing token holders and TVL by more than \$10,000,000
- Worked closely with the business team to re-configure processing of token auction and staking

## Lead Software Engineer

Remote

Acceleralia

Jan. 2020 – Apr 2021

- Analyzed 50+ user requirements to derive technical software design and performance requirements
- Built online tutoring platform using **wordpress** and **Laravel + vue.js** for more than 10,000 students and 10+ universities in Spain
- Worked with **UX/UI** design teams to improve existing applications and supported **QA** team to design test cases for various changes and enhancement
- Documented 100% of technical specifications and dependencies of application
- Managed scrum and mentored 2 junior developers

## Full Stack Developer

Phoenix, AZ

Upwork

Sep. 2017 – Dec. 2019

- Designed, developed and modified 25+ web applications using **Woocommerce** and **Shopify** for 10+ clients in E-commerce
- Utilized third party APIs including Google, Twitter, Facebook and payment gateways such as **Stripe**
- Developed twitter giveaway **website** using **Python/Django** reaching more than 250K followers in twitter and producing \$100,000 worth of revenue
- Created user-friendly webpages using React/Angular/Vue
- Led the migration from **AWS** to **GCP, Azure** for companies to reduce cloud costs by 20%
- Built hybrid mobile apps including **TumTag** using React native and Flutter

## Web Developer

Singapore

eVantage Technology

Feb. 2015 – Aug. 2017

- Designed dynamic and browser compatible webpage using web design techniques HTML5, CSS/CSS3, Javascript and jQuery
- Developed page layouts, navigation and presented designs and concepts to the clients
- Manipulated data using CRUD operations of MySQL database management system and handled database access and data transmission based on Restful web service

## Awards

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### AWS Certified Solutions Architect

Amazon Web Service (AWS)

AWS lambda, DynamoDB, S3

Jun. 2019

### IBM Full Stack Software Developer Certificate

IBM

Cloud Native, Devops, Javascript, CSS

Sep. 2017

## Projects

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### Tennis Social App (Owner)

Phoenix, AZ

RallyCourt

Dec. 2020 – Present

- Functional social networking app in Tennis industry – live chat, search, matching system, subscription, booking
- React Native and Java Spring

### Grid Gaming

Phoenix, AZ

GridGamingIO

Jan. 2020 – Present

- Twitter giveaway platform built using Python/Django
- Have more than 250K followers on Twitter

### ChessX AI Engine (volunteer)

Singapore

ChessX

Oct. 2022 – Mar. 2023

- ChessX app core AI engine for Play to Learn and Earn mechanism

### ChatGPT-4 AI Essay Writer

phoenix, AZ

Samwell AI

Mar. 2023 – Present

- 100% plagiarism free essays that includes MLA format references using ChatGPT