

# Clyde Shen

Address: 19B Tonkin, Sunnynook, Auckland 0620

Mobile: 021 0811 1443 · Email: clyde1229@gmail.com

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## Profile

**Experienced software development professional with a recent track record of success in a range of sectors and a strong interest in blockchain and web3 development opportunities**

- Experienced in and skilled in providing innovative and creative solutions to technology development and implementation challenges
- A fast learner, with a substantial ability to absorb and assimilate new information particularly in relation to computer languages, programming, application development and technology
- Highly developed organisation and time management skills, able to prioritise multiple tasks, work under pressure and meet deadlines
- Excellent communication and interpersonal skills complementing the ability to relate to others and to build positive relationships with all stakeholders
- Ability to work independently, to lead and to work as part of a team and proven experience in leading and mentoring software development team members and in creative problem solving
- A passion for technology, researching and keeping updated with technology to stay informed about the latest solutions for future implementation

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## Career Summary

Full Stack Developer	Dasset, Auckland	2020 - current
Full Stack Developer	Sphere Identity, Auckland	2019 - 2020
Full Stack Developer	Zambion, Hamilton	2016 - 2019
Full Stack Developer	Central Station Software, Auckland	2015 - 2016
Full Stack Developer	Tang Ren Ltd, Auckland	2014 - 2015

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## Education and Qualifications

<b>Bachelor of Computing and Mathematical Sciences</b> , Auckland University of Technology	2013
<ul style="list-style-type: none"><li>• Major Computer Science</li></ul>	

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## Technical Expertise

<b>Front-end</b>	React, AWS Amplify, AWS AppSync, Axios, Webpack, HTML5, JavaScript, CSS, jQuery
<b>Back-end</b>	<b>AWS:</b> Cognito, Lambda, DynamoDB, CloudWatch, Serverless, IAM, API Gateway
<b>Blockchain</b>	Solidity, MetaMask, Truffle, Ganache, NFTs, OpenZeppelin, Web3.js
<b>Technologies</b>	Node.js, Rest API, GraphQL, Responsive UI, Typescript, Promise, Git, GitHub, OAuth

## Recent Experience, Responsibilities and Achievements

### Full Stack Developer – Dasset, Auckland

2020 - current

*Dasset is a New Zealand-based cryptocurrency exchange that allows users to buy and trade between NZD and over 80 digital assets, such as Bitcoin and Ethereum.*

- Designed, developed and maintained multi-browser compatible components
- Built scalable APIs using AWS Lambda, Cognito, DynamoDB and API Gateway to fetch user and crypto exchange details; secured APIs through authorization.
- API Integration with SaaS solutions with service and data integration
- Worked in Agile methodology by managing a team in Scrum calls, planning, and sprint retrospective meetings.

#### *Achievements*

- Working closely with the team that resulted in a 70% increase in new users and the weekly transaction volume is equal to the monthly transaction volume in the same period last year
- Developed all features for NFT and Web3 project.

### Full Stack Developer – Sphere Identity, Auckland

2019 - 2020

*Sphere Identity is a blockchain-based global identity provider for customer, guest and employee onboarding. Built on the principles of Privacy-by-Design, the innovative SaaS solutions make the digital landscape simpler and safer.*

- Responsible for making reliable and practical sprint plans, managing the scrum process with the coordination of a scrum team in Agile methodology.
- Arranged daily stand-up meetings, sprint planning meetings, sprint demo and retrospective meetings in order to ensure quick inspection and proper use of adaptation process.
- Successfully developed all features for web-based Sphere Platform, such as signin and signup flow with Passwordless authentication and Multi-factor Authentication, dashboard and settings. Used ReactJS, React Hooks, Node.js, Jest, JSON, HTML/CSS/JavaScript.
- Collaborated extensively with team members to develop Restful APIs using AWS Lambda, Mongoose, Serverless and API Gateway.

### Full Stack Developer - Zambion, Hamilton

2016 - 2019

*Zambion develops and deploys web-based Payroll, HR, Time and Attendance, Leave Management Software. The business has been in NZ for 10+ years and is a leading Payroll systems provider with clients.*

- Made a significant contribution to the development of a state of the art advanced web-based Payroll, HR, Time and Attendance, Leave Management Software that is IRD compliant, intuitive, intelligent
- Successful in programme multiple features to meet client needs such as Payslips, Leave Balances, Position Management, Performance/Review Management, Payments/Deductions
- Developed new features such as Company Organisation Chart, Dynamic Forms, Dynamic dashboard widget, and Training System

#### *Achievements*

- Highly effective in collaborating with team members to the cloud project that resulted in a %300 increase in sales both locally and abroad growing the company from 12 to around 60 clients

### Full Stack Developer - Central Station Software, Auckland

2015 - 2016

Central Station Software develops and deploys software using the latest design techniques, technology and device application. The business caters for the early childhood education sector and others creating custom design system solutions specific to business needs.

#### Achievements

- Successful in contributing to both back-end and front-end development of features for the Contact Manager that managed more than 110,000 contact details in the AIMY Plus system
- Led the optimising of legacy code and reduced redundant data to decrease response time from 8 seconds to 0.5 seconds in average

#### Full Stack Developer - Tang Ren Ltd, Auckland

2014 - 2015

Tang Ren Ltd is software development and web design company that delivers web system development, website building, website promotion, planning and running of the spatial domains as well as network marketing, visual identity design and web media promotions.

- Responsible for leading the team from a technical perspective including technical decision making, sprint planning, daily stand up, demo and retrospective meetings.
- Managed Multiple project development as a team lead to operate with internal and external customers to capture requirements and translate to user stories, and understand how solutions are architected and integrated internally and with external third party software.

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### Voluntary and Community

**Certified Member**    Mensa, New Zealand

2019 - current

**Event Volunteer**    TED Talks, New Zealand

2017 - 2018

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### Professional Development

**Software Development Job Ready Programme**    Industry Connect

2015

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### Additional Information

**Licences:**            NZ Drivers Licence

**References:**        Available on request

**Interests:**           Board games, Ice boarding, Hiking, and outdoors