

# Vincent Chen

Diligent Software Engineer with a passion for creating elegant, high-quality solutions. A proactive team player skilled in following procedures and thriving with minimal supervision. Committed to continuous learning and staying current in a fast-paced tech environment.

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## SKILLS

Amazon Services (S3, CloudWatch, CodeBuild, SQS, EC2, Auto Scaling), Docker, Git, GitHub, Bitbucket, NodeJS, TypeScript, JavaScript, ReactJS, NextJS, RedwoodJS, JestJS, ChartJS, NivoJS, Sentry, PHP, Laravel, RESTful API, MySQL, PostgreSQL, Docker hub, Redis, GraphQL, HTML5, CSS3, Bootstrap UI, Tailwind UI, Material UI, Object-Oriented Programming (OO), SOLID Principles, Test-Driven Development (TDD), Pair Programming, Agile Scrum, Trello, Jira, Gerrit, Jenkins, Prisma, MongoDB, C#, Python, Google Dialogflow, Packagist, BPMN, Draw.io

## EDUCATION

Master of Information Technology (CS)

Queensland University of Technology | 2018 - 2020  
GPA 6.688 / 7

Bachelor of Engineering (Mechanical)

Queensland University of Technology | 2011-2016

## REFEREES

Available upon request

## EXPERIENCE

### FULL STACK SOFTWARE ENGINEER

UNIVERSITY OF QUEENSLAND | BRISBANE | FEB 2022 – PRESENT

- Design, develop, test, deploy, maintain, and support UQ researcher web applications per UQ standards.
- Manage technical aspects of new initiatives and advise clients on documenting processes, architectures, and project plans.
- Collaborate with stakeholders to build new features, improve applications, and support quality assurance processes, including performance monitoring, error tracking, bug fixing and assisting in estimates, plans, and schedules.
- Stay current with emerging technologies and implement to enhance applications.

### FULL STACK SOFTWARE DEVELOPER

OURPROPERTY | BRISBANE | JAN 2021 – FEB 2022

- Developed a chatbot for property managers' queries using PHP Laravel, emphasizing TDD and SOLID principles.
- Practiced continuous delivery within an Agile development cycle using Scrum.
- Engaged in regular communication with internal stakeholders and teammates, utilizing Pair Programming (CodeTogether) for collaborative problem-solving.

### FULL STACK JUNIOR WEB DEVELOPER (INTERN)

FONSEKA INNOVATIONS | BRISBANE | MAR 2020 – NOV 2020

- Redesigned and improved a custom project management application within an Agile development cycle using Scrum methodologies.
- Assisted in end-to-end testing across multiple projects and conducted unit and feature testing with a TDD approach.
- Enhanced company SEO by writing relevant blogs in Marketing and Tech.

## PROJECTS

### UQ Research Data Management (TypeScript, ReactJS)

- Design, develop, test, deploy, maintain, and support UQ researcher web applications using AWS, TypeScript, JavaScript, Node.js, React.js, Redwood.js, Nivo Chart, RESTful API, GraphQL, SQL, Prisma, Material UI, GitHub, Jest (unit testing), Docker, Agile, Jira and Sentry.

### Project Management Portal (PHP Laravel)

- Redesigned and enhanced an existing project management portal using HTML/CSS (Tailwind), JavaScript, Php Laravel, Bitbucket, and MySQL.

### Twitter Guru (NodeJS [Express], ReactJS, Redis, Docker, AWS)

- ReactJS on client side, NodeJS (Express) on server side, Redis utilised to reduce latency.
- Project containerized with docker and deployed on to AWS with the utilisation of services including EC2, S3, and Autoscaling.
- APIs were used to fetch data which then used to perform sentiment analysis and chart.