



JOHN SANTIAS

DevOps Engineer



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Education

Bachelor of IT (CS major)
(QUT) Queensland University
of Technology

GPA

6.188 / 7

Feb 2017 - Nov 2019

Most Proud Of

QUT White Hats

Co-Founded a cybersecurity club to bring more interest and expand on the university curriculum

NestedOS

Received an honourable mention by Steve Baxter for our product developed at a hackathon. Turned into a business

Pharmagotchi

A web application game developed for nursing students to self-assess medication calculations

Technologies

Linux Git AWS Python

Docker Apache Java

Jenkins NoSQL RDMS

REST API JavaScript Terraform

Networks Redis

Awards

Tanda 2019 Best Technical Project

Clipchamp 2018 Honourable Mention
by Steve Baxter

2018 Golden Key Internation Honour
Society

Aquinas College Diligence Award for IT

Industrial Experience

Technology Associate

Feb 2020 - Ongoing Melbourne, VIC

Infosys

- Automated the comparison and validation of data migration from legacy databases to MongoDB using scripts developed using bash and NodeJS
- Developed a NodeJS program to generate mock test data based on a data mapping spreadsheet. Allowing teams to use the data to test their scripts in development before initiating in production
- Designed and implemented a REST API with ExpressJS to deliver generated test data

JavaScript Full Stack Developer

Dec 2019 - Jan 2020 Brisbane, QLD

Weko Health

- Delivered an MVP for a student start-up to assist surgical clinics to assess injured patients.
- Implemented authentication to web portals using PassportJS
- Technologies include VueJS, NodeJS, ExpressJS, Docker, NGINX hosted on AWS EC2, and S3

JavaScript Back-End Developer

Dec 2019 Brisbane, QLD

(QUT) Queensland University of Technology

- Designed and implemented the REST API endpoints and game logic to authenticate users and synchronise game progress with the front-end
- Performed CRUD operations with a PostgreSQL DB using promise-based sequelize NodeJS ORM
- Delivered text notifications through Clicksend's API

DevOps Engineer Intern

Apr 2019 - Sep 2019 Gold Coast, QLD

TechConnect IT Solutions

- Developed SaaS applications for clients using AngularJS, NodeJS, ExpressJS, and utilising a range of AWS services
- Migrated software applications to AWS with a focus on serverless architectures. Adopted S3, RDS, API gateway, and Lambda functions

Co-Founder & Software Developer

Jul 2018 - Jun 2019 Brisbane, QLD

NestedOS

- Enabled VNC, RDP, or SSH access to virtual machines via a developed web application. Combined TurboVNC and noVNC to serve machines through HTTP
- Dockerised our application and deployed on an AWS EC2 instance
- Maintained the network architecture and security of the virtual machines

Capstone Project Manager

Jul 2018 - May 2019 Brisbane, QLD

CSIRO

- Administered all agile project management activities including planning, execution, tracking, and reporting
- Maintained an effective relationship with the product owner and the team. Ensuring correct expected outcomes and deliver the project on time
- The product delivered to the client was ahead of schedule and exceeded expectations