Martin Sagat

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Senior Software Engineer focused on building scalable web and mobile applications

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Experience

PCCW Global, Senior Software Engineer

June 2024 - Present

Is a leading communications service provider, offering the latest mobility, voice and data solutions to multinational enterprises.

- Transformed JavaScript applications into a fully typed TypeScript applications, significantly reducing build-time errors and eliminating bugs in the production environment.
- Mentored the team on TypeScript implementation, improving code quality and development efficiency across the team.
- Implemented pre-commit hooks to reduce broken CI/CD pipelines and enforce consistent branch naming conventions.
- Led the delivery of fully tested core features for the **Capture Sync** application, streamlining the process of capturing sales inquiries and syncing them with Jira and HubSpot platforms via webhooks.
- Integrated **Fortress**, the in-house authentication and authorization service, into **Capture Sync**, enhancing security and access control.

TypeScript - NodeJS - React -Webhooks - Camunda 8 - PostgreSQL - CI/CD - GCP

Valorem, Software Engineer

January 2024 - June 2024

Valorem is a payment platform for workplaces.

- Delivered core features for the **Casual Payment API (CPP)**, including integration with the **EML Payments** platform, enabling seamless payment processing.
- Integrated **KYC (Frankie One)** with the serverless platform, streamlining the customer verification process and enhancing compliance.
- Contributed to the design of the **One Table Design** for **DynamoDB**, improving database efficiency and simplifying data access.

AWS - Serverless (SST) - CloudFormation - TypeScript - NodeJS - Dynamo DB - TurboRepo - CI/CD

Autom8, *Software Engineering Consultant*

October 2023 - January 2024

Autom8 allows their customers to build custom forms, gather user data, and enable rule-based processing as well as reporting services for the collected data. In this role as Software Engineering

Skills

- Software Architecture
- Web development
- Database Design

Programming Languages

JavaScript & TypeScript, PHP, Bash, Dart

Libraries & Frameworks

React, Vue.js, NodeJS, Laravel, Angular

Tools & Platforms

Git, Docker, Jira, Firebase, Terraform, Figma, Webpack, Storybook

Database

SQL, MySQL, PostgreSQL, DynamoDB, MongoDB

Cloud

AWS

Education

🎓 **RMIT University**, Melbourne VIC — *Bachelor*

2016 - 2020

Bachelor of Information Technology, Computer Science

🎓 **Australian Pacific College**, Sydney NSW — *Diploma*

2009 - 2010

Diploma in IT, Business System Analysis

Awards

OneAffiniti - Employee of Q4 2021 for outstanding performance & contributions to projects

Consultant:

- I led a transformation project transitioning from a monolith architecture to client and backend services
- I mapped and prioritised implementation of business processes
- I mentored others to get them familiar with new technologies
- I created JIRA tickets and kept track of the project's progress

Vue - TypeScript - NodeJS - MySQL - Docker - CI/CD - AWS

Big Picture Medical, *Software Engineer*

January 2023 - July 2023

Big Picture Medical is a MedTech company that specialises in digitisation of healthcare records. In this role as a Software Engineer:

- I worked alongside a team of Product Designers and Software Engineers to map user authentication features end-to-end using BPMN Workflow.
- I contributed to the SSO login features using access integration with the [National Health Care System (NHS)](#).
- I feature-engineered the activation mode for Medical Pathways at an organisational level, which helped Medical Practitioners configure the fitting Medical Pathways depending on their specialisations.
- Contributed to expansion of the Vue-based component library MedKit UI, ensuring design consistency across BPM products.

Vue - TypeScript - GraphQL - Laravel - PostgreSQL - Linux - Docker

OneAffiniti, *Software Engineer*

August 2021 - January 2023

OneAffiniti is a MarTech company focused on digital channel marketing, with tech clients like [Microsoft](#) & [Dell](#). In this role as a Software Engineer:

- I developed an application for generating static websites from dynamic content designed by campaign managers. The application reduces computing power costs and increases content availability, making the content load faster.
- Enhanced developer experience by introducing automated code quality checks using GitHooks and Linters.
- Introduced the use of TypeScript within JavaScript applications to ensure code consistency and prevent type errors

Sharing knowledge with teams by initiating training sessions

Vue - Angular - Laravel - NodeJS - AWS - Terraform - Linux - Docker

Toll Group, *Software Developer*

February 2019 - August 2021

Toll Group is a global logistics company operating in 25 countries. The division's global reach is to more than 220 countries and territories. During my tenure, I worked as a Software Developer:

- Responsible for supporting extensive volume production tracking system by ensuring streamlining of data from source devices into databases.
- In 2020, the [Toll Group system was hit by ransomware](#), which exfiltrated commercial agreements and employee data. Post-attack,

we ensured the servers were back in operation for business continuity and prevented further data leaks by introducing robust security measures.

.NET - SQL - C# - Azure - Windows Server - Laravel - Angular - Vue