

LEON SALSICCIA

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WHO AM I?

I am a passionate digital solutions architect working in the web development and cloud technology space. I have delivered B2B and B2C solutions to both small and large organisations, supporting business processes to provide new-found value.

I value work culture and healthy work-life balance that allows me to do what I enjoy outside of work, including watching films, both playing & listening to music, and a casual meetup with friends. I want to work at a company that encourages learning and sharing knowledge through close employee collaboration.

A long-term goal of mine is to hold a management position once I have developed the necessary skills and gained enough experience.

EDUCATION

University of Technology Sydney

B. Information Technology (Co-Op Scholar)

2019 – 2021

Sydney, NSW

- Dean's List for Outstanding Academic Achievement 2020 with a 6.88 / 7 GPA and a 91 WAM
- Completed UTS x Microsoft Data AI Challenge 2019

EXTRA-CURRICULAR

UTS Cloud Computing Society

Co-Founder and Director of Sponsorships & Partnerships at UTS Cloud Computing Society. Responsible for establishing relations with potential sponsors and orchestrating collaborative workshops & events with cloud related organisations.

BIT Ambassador

Visited high schools on behalf of UTS to promote the BIT Co-Op Scholar Program and encourage high-school students to pursue a career in information technology.

University Peer Mentor

Volunteered as a BIT Peer Mentor to help first year BIT students adjust to University and assist them with subjects or questions they have.

PROFESSIONAL EXPERIENCE

CSR

Industrial Manufacturer & Supplier

Associate Solutions Architect

Jan 2021 - Current

- Experience with .NET & Microsoft ecosystem developing custom internal business applications and solutions.
- Streamlined business processes with Microsoft Azure services including Active Directory, App Services, SQL Server, Serverless Functions, Logic Apps and more.
- Developed and maintained ASP.NET Core APIs, websites, and other large-scale applications.
- Architected an energy price regression model in collaboration with Monash University to predict electricity price surges and significantly improve the operational efficiency of APAC's leading industrial materials manufacturer using Azure ML Studio.

Element Education

Private Tutoring Service

Project Lead & Developer

Jan 2021

- Consulted with business owner and relevant stakeholders on a contract basis to develop and deploy a business website.
- Designed UI elements & orchestrated UX flows.
- Set-up email notification service for website enquires.
- Documented product handover to business owner for maintainability.

Venntifact

Digital Marketing Consultancy

Technical Consultant & Marketing Analyst

Jul 2019 – Dec 2019

- Worked closely with clients on-site to troubleshoot problems & develop effective custom solutions.
- Collaborated in an agile environment that utilised sprints, daily stand-ups & Jira project management.
- Participated in product designing including working with stakeholders to identify user stories and construct project timelines for large-scale solutions.
- Optimised conversion rates by implementing enterprise grade analytics solutions (Google Analytics, Google 360, A/B Testing with Optimizely) to track user interactions and deliver marketing insights using real-time data.
- Product Owner of Venntiboard; an internal idea tracking solution for managing proposed employee ideas. I was the sole designer and developer of this project from ideation to deployment. (Please see **Venntiboard** in the **Notable Projects** section below for details)

Nexus Education

Tutoring Centre

Course Consultant & Tutor

Apr 2019 – May 2019

- 1 month contract to come on as a course consultant & temporary tutor.
- Revised and developed course programs & learning materials for teaching students to code.
- Tutored classrooms of 8-10 students teaching python and scratch.

TECHNICAL SKILLS

Workflow: Github + GitFlow, Jira, Confluence

Programming Languages: Python, Java, C++, C#, Typescript, HTML, CSS

Backend Technologies: ExpressJS, ASP.NET Core, EFCore, GraphQL, REST, WebSockets

Frontend Technologies: Vue, React, NextJS, Apollo, Figma, SCSS

Databases: NoSQL (MongoDB, Firestore) & SQL (PostgreSQL, MS SQL Server)

Cloud Providers: Microsoft Azure, Google Firebase, Amazon AWS

Marketing Technologies: Google Analytics, Google Tag Manager, Optimizely, Salesforce CRM, Adobe Analytics

NOTABLE PROJECTS

Pinki

<https://leonsalsiccia.com/project/pinki>

Promise Tracking Web Application

Sep 2020 – Nov 2020

- NextJS JAM-Stack Framework for SEO via Static Generation and Server-Side Rendering.
- Serverless Architecture for automatic horizontal scaling.
- MongoDB NoSQL database + Mongoose ODM.
- Document Database optimisations to improve efficiency (e.g., denormalization and embedded documents).
- Firebase BaaS for Authentication and Blob Storage, following security best practices.
- Caching optimisations to reduce server load, lower operational costs and improve user experience.

IoTBay

<https://leonsalsiccia.com/project/iot-bay>

Internet of Things E-Commerce Store

March 2020 – June 2020

- Full-stack E-commerce MVC web application
- Built using JavaBeans and Servlets.
- Maintained SQL database.
- Styled with Bootstrap 4.
- Custom server-side validation.

Venntiboard

<https://leonsalsiccia.com/project/venntiboard>

Internal Idea Proposal System

Sep 2019 – Nov 2019

- Built and deployed on Google Firebase BaaS.
- Realtime database using Firestore.
- SPA frontend built with VueJS.
- TypeScript for improved maintainability.
- Completely custom styles using PostCSS & TailwindCSS utility classes.