# LEON SALSICCIA

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## EDUCATION

**University of Technology Sydney**                    **2019 – 2021 (Expected)**
B. Information Technology (Co-Op Scholar)                    Sydney, NSW

- **Achievement:** Dean's List for Outstanding Academic Achievement 2020 with a 6.86 GPA and a 91 WAM
- Completed UTS x Microsoft Data AI Challenge 2019

## PROFESSIONAL EXPERIENCE

**CSR**                    **Associate Solutions Architect**
Industrial Manufacturer & Supplier                    Jan 2021 - Current

- Experience with .NET & Microsoft ecosystem developing custom internal business applications and solutions.
- Experience with Microsoft Azure services including Active Directory, App Services, SQL Server, Serverless Functions, Logic Apps and more.
- Developed an energy price regression model in collaboration with Monash University to predict electricity price surges and improve operational efficiency using Azure ML Studio.
- Developed and maintained ASP.NET Core APIs, web applications and other large-scale applications.

**Element Education**                    **Project Lead & Developer**
Private Tutoring Service                    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**                    **Technical Consultant & Marketing Analyst**
Digital Marketing Consultancy                    Jul 2019 – Dec 2019

- Played multiple roles including business analyst, project manager & technical consultant.
- Worked closely with various clients during on-site visits to troubleshoot problems & develop effective custom solutions.
- Worked 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.
- Implemented Google Tag Manager and Google Analytics on client websites to help track user interactions for marketing insights, including A/B Testing with Optimizely.
- 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**                    **Course Consultant & Tutor**
Primary Tutoring Centre                    Apr 2019 – May 2019

- 1 month contract to come on as a course consultant & temporary tutor.
- Revised and developed course programs and learning materials for teaching young 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:** EpressJS, 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

### JAM-Stack Web Application
Promise Tracking App

https://github.com/LonJonn/AIP-Assessment-2
Sep 2020 – Nov 2020

Detailed write-up in the README.md
- NextJS JAMStack Framework to allow for SEO via Static Rendering 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.

### JavaEE E-Commerce Web Application
Internet of Things Online Store

https://github.com/LonJonn/IoTBay
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 Web Application
Internal Idea Proposal App

https://github.com/LonJonn/Venntiboard
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.

# EXTRACURRICULAR

### BIT Ambassador

Visited high schools on behalf of the BIT Co-Op Scholar Program to promote 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.

# PERSONAL OBJECTIVES

- I want to work at a company that encourages learning about the latest technologies and sharing knowledge through close employee collaboration.

- I value Work Culture & healthy Work-Life Balance that allows me to do what I enjoy outside of work, including watching films, walking my dog while listening to music, playing piano, and a casual game with friends.

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

References available upon request.