

MATTHEW PINKUS

SOFTWARE ENGINEER



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EDUCATION

Western Sydney University

Bachelor of Computer Science

2019 — 2022

5.3 GPA

Majored in Systems Programming



TECHNICAL SKILLS

Front End: JavaScript, TypeScript, Vue.js, React.js HTML, CSS, SASS

Back End: Node.js, C, C++, Objective C, Python, PHP, Lua

Databases: MySQL, postgres

Cloud Services: AWS (Cognito OAuth, Lambda, Lightsail, S3)

Other: Linux, NeoVim, Docker, WordPress, Webflow, Git, Figma, Notion

EXPERIENCE



Web Developer & IT Services

Masters Management Consulting

Nov 2022 — Present

As the sole developer at Masters Management Consulting, a marketing company that offers comprehensive design, web development, marketing, and IT maintenance services for over 30 clients, I have utilized my expertise to optimize the company's workflow, technologies, and processes to improve productivity and efficiency. Prior to my hire, this role was filled by two developers.

Key responsibilities and achievements include:

- Successfully creating multiple websites using WordPress & Webflow and custom JavaScript
- Integrating AWS to improve performance
- Conducting one-time performance audits for external clients to optimize page loading speed, functionality, and accessibility by identifying and removing bloated and unused software
- Providing IT consultancy to clients and colleagues on a range of technological issues
- Communicating with clients to understand their technological needs and ensure successful project delivery
- Use of Figma and Notion to effectively interpret specifications from each department to meet project goals



Full Stack Developer

Yora Settlements

Nov 2021 — Sept 2022

I have successfully completed multiple contracts in a solo or two-person team environment for Yora Settlements, a Software as a Solution company that provides custom software for businesses of all sizes.

Notable deliverables achieved include:

- Custom OAuth authentication and routing in a TypeScript single-page Svelte application using AWS Cognito and pre-built API interfaces
- Construction of the main landing website for yora.tech, including a custom table displaying coin price fluctuations and media queries for HTML/CSS cross-compatibility
- Development of a candlestick and line chart with JavaScript/HTML/CSS using fetched user data from a pre-established endpoint
- Implementation of a password recovery system using JavaScript and a pre-established API
- Creation of a custom CSS/SASS widget for calculating the difference in current coin trading prices between competing cryptocurrency platforms



Tech Lead

Luxtronic Digital Services

July 2021 — Oct 2021

As a pseudo Technical Lead for my Professional Experience unit at university, I was responsible for overseeing the development of a React ticketing mobile application for Luxtronic Services.

This application was designed to streamline the company's internal processes and improve efficiency.

I led a team of developers in the creation of this application, ensuring that it met the needs and requirements of the client.

My key achievements include:

- Establishing and managing a team programming environment for 5 developers, including setting up a GitLab repository, local testing database, and handling package installations
- Creating a database with MySQL and custom API files using PHP
- Developing UI/UX design and custom React components
- Facilitating weekly client and supervisor meetings with clear agendas



Warehouse Assistant

Chandler MacCleod – Big W

April 2014 — Sept 2019

During my period as a warehouse assistant at Big W, I developed strong attention to detail and the ability to thrive under pressure. I also took the initiative to learn and utilize the Warehouse Management Software(WMS) to streamline stock ordering and increase overall warehouse productivity.

At Big W Hoxton Park, my primary responsibilities included:

- Consistently exceeding daily Key Performance Index (KPI) targets
- Utilizing the Warehouse Management System (WMS) to efficiently order forklifts and replenish empty stock locations
- Operating hauling machines to load and unload truck containers while adhering to weight limitations and meeting time constraints to maintain a safe KPI

PROJECTS



Home Server

As part of a personal project to build a home server, I became proficient in navigating and managing a Linux system, gaining strong fundamental CLI skills. Currently, my server is running OpenMediaVault, a management platform for hardware and software. This experience has given me the opportunity to expand my technical knowledge as an IT professional.

In a Docker environment, my server is currently achieves:

- Hosting a Discord bot I created in TypeScript, which provides a range of useful and fun Discord functions for a server I run
- PiHole, a network wide (DDNS level) ad blocker
- Sonarr, Radarr, Bazarr, and Plex for a network-wide streaming service
- Efficient hardware management through the allocation of access to RAM to maintain the stability and efficiency of hosted services



Discord Bot

As a TypeScript learning project, I created a bot that manages several useful functions for a server that I run. During this, I learned how to strictly code in types, manage life cycles and states, fetch data with API calls, and use Git for version control.

The project is listed on github [here](#).

REFERENCES

Stephen Byatt

Software Engineer at Snapchat

sbyatt@snap.com

[0438 327 335](tel:0438327335)

Stephen and I were engaged to work on multiple contracts for Yora Settlements from November 2021 to February 2022.

Marcus Belcastro

Software Developer at Instawork, CEO of Yora Technologies

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[0450 283 483](tel:0450283483)

Marcus and I have worked in conjunction on multiple projects for Yora Settlements, with Marcus as a Technical Lead from November 2021 to September 2022.