

JACK SYDENHAM

FULL STACK DEVELOPER - RMIT

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PROFESSIONAL SUMMARY

Final-year Software Engineering student at RMIT, specialising in TypeScript/React full-stack development and cloud workflow automation. Recently building enterprise-grade document systems at Astral. I ship client-ready features through clear communication, rapid iteration, and a task-ownership mindset that keeps my team unblocked and releases on time. I thrive in collaborative environments and actively seek guidance from senior developers.

EDUCATION

Bachelor of Software Engineering | RMIT University

Expected Dec 2025

Bachelor of Information Technology | RMIT University

2023 – Pathway to S.E.

WORK EXPERIENCE

Full Stack Developer (Intern) | Astral

07/2024- 07/2025

- Developed Astral KeyDocs platform across SPFx, Power Automate, and React-based portals, working across the full SDLC within agile sprint cycles.
- Designed and implemented scalable system logic for admin features, including audit tracking and metadata enforcement, ensuring consistent document/workflow behaviour across tenants.
- Rebuilt Assignments page with dynamic filters, embedded workflow history, and overdue highlighting.

Customer Service Representative | Woolworths

10/2019- 06/2024

- Provided frontline service and team support in a high-volume retail environment.
- Managed customer stock enquiries and inventory management with prompt, precise updates.

PROJECT HIGHLIGHTS

Carer Manager Plus Admin Portal | ReactJS, DevExtreme, REST API, SQL, Node.js

- Redesigned frontend UX to improve data interaction and clarity.
- Led agile delivery of 9+ features with REST API integration across 4 successful sprints.
- Worked with a real client to deliver production-ready features aligned with business needs.

SmartBoard | Java, JavaScript

- Built a full-stack Jira-style task app using JavaFX for UI.
- Used JDBC with custom task objects for backend data handling.

Minecraft Village Generator | python

- Built ML-driven A* pathfinding for dynamic terrain navigation and structure placement in village-generation group project.

Wordle Clone | Java, JavaScript

- Developed a web-based Wordle clone with daily games.
- Applied Agile practices across six sprints to roll out updates and implement new features.

TECHNICAL & PROFESSIONAL SKILLS

Languages & Frameworks | TypeScript, JavaScript, React (Next.js, Shadcn), Node.js (Fastify), SPFx

Databases | Prisma ORM, SQL, Dataverse, Redis

Cloud & Integration | Power Automate, REST, tRPC, Vercel, AWS (Lambda, S3),

Tools | GitHub, Jira, Figma, VSCode, Node.js

- Built full-stack platforms with React, Node.js, Prisma, and Redis, including a document-processing API deployed in SharePoint via SPFx.
- Deployed SSR apps via Vercel and automated backend tasks with Power Automate and ChatGPT.
- Delivered clean UI systems with Shadcn and DevExtreme to accelerate frontend delivery.
- Integrated enterprise platforms with custom React apps (Admin Centre and Consumer Portal).
- Four years of leadership experience in a high-pressure retail environment.

REFERENCES

Jordan Hacking

Technical Lead | Astral

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Dr. Golnoush Abaei

Co-Program Manager | RMIT Software Engineering

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