Arvin Hay

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Employment

NEXTDC ***Melbourne**, Australia*
System Testing and Automation Engineer (AdiraTec) *Jan 2025 – Present*

- Validate end to end integration of hardware, software and control systems for Amazon and Microsoft sites
- Develop front end applications for the SCADA systems that monitor and control site infrastructure
- Redesigned delivery logistics with stakeholders, saving $300 per delivery, an estimated $112,000+ in FY26

Refugee Education Australia ***Melbourne**, Australia*
Web and Digital Systems Developer (Contract) *May 2026 – Present*

- Gather requirements and map user journeys with staff and leadership, then turn them into user stories
- Built the LMS from scratch on open source Frappe, hosted on Azure, and migrated three Canvas courses
- Maintain the WordPress sites and produced the organisation's brand video using AI assisted video tools
- Helped refugees and people from refugee backgrounds navigate education pathways online

Monash eSolutions ***Melbourne**, Australia*
DevOps Engineer *Jul 2024 – Jan 2025*

- Audited the AWS S3 architecture and storage behind Monash University's Moodle based eExam platform
- Proposed and implemented storage tiering in my first months, saving an estimated $30,000 per annum
- Mapped changes against governance, retention and access rules with security and compliance teams

Projects

PropRoo Real estate investment platform, product and tech lead *2025 – Ongoing*

- Built and launched the platform end to end, now live with 16 listings and about 20 clients
- Turned AML/CTF obligations into a structured onboarding form and automated its documents in Python
- Produced an animated brand film with AI narration and Remotion, plus marketing content for launch

Looma Insights AI marketing platform, co-founder *2025 – Ongoing*

- Won the Andre Marquis Award ($5,000, non dilutive) for a full stack AI content generation prototype
- Build custom AI solutions for SME e-commerce brands turning over more than $100,000 a year

Education

Monash University ***Melbourne**, Australia*
Bachelor of Science, Computational Science and Mathematics (WAM 78, full scholarship) *2023 – 2025*

Certifications

Salesforce Certified Platform Administrator	Certified, score of 92%	*2026*
Salesforce Marketing Cloud	Trailhead	*Completed*

Leadership

Monash Minds Alumnus and Coach	Mentored 120 scholarship students	*2023 – 2025*
Programming Bootcamp Tutor	Taught 240+ students, Monash IT	*2024*
Faculty of Science Ambassador	Monash University	*2024*

Skills

Salesforce: Flows, reports and dashboards, security and access, Agentforce (learning CPQ, OmniStudio)
Business analysis: Requirements gathering, user stories, journey mapping, stakeholder engagement
Troubleshooting: Root cause analysis, defect triage, UAT, systems integration testing
Programming: Python, SQL, JavaScript, TypeScript, Java, C++, R
Web & data: React, Tailwind CSS, WordPress, Shopify, PostgreSQL, Power BI, Tableau
Cloud & systems: AWS (S3, Glacier), Azure, SCADA, LMS (Frappe, Canvas)
AI & content: Agentic AI workflows, LLM tools, Remotion, brand video production
Delivery: Agile, Jira, Confluence, Linear, Git, Figma

Last updated: October 2026
References available on request