Ryan Martin

Software Engineer

Creative problem solver with experience in delivering software that meets user needs.
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Work Experience

Centre of Technology & Innovation

Frontend Developer (R&D Assistant) | Feb 2022 - Present
- Designed & presented prototypes to project stakeholders
- Developed the application frontend using Angular & Ionic framework

Education

Asia Pacific University of Technology & Innovation

B.Sc. (Hons) in Computer Science | Sep 2020

Skills

Languages & Libraries	IT	Misc.
Javascript	Linux	Figma
React, NextJS	RDBMS	Reverse Engineering
Angular, Ionic	Containers (Docker)	Digital Forensics
SvelteKit	Git, CI/CD	Googling
C, C++, Python		

Notable Projects

Seacucumber: Interpreter for a custom functional programming language written in C. Inspired by languages such as scheme, elixir, and OCaml.
PeoplePulse: In-house application for use by the staff at Asia Pacific University. Integrates with APSpace, the university's super-app. Built using Angular & Ionic framework.
Sendt: MVP of a website to help inexperienced job seekers write common emails needed in the job application process. Built using Sveltekit as a submission for a hackathon.

Awards

Hackathons: Hack.Asia 2022, Hilti ITC 2022, TCS Sustainathon 2021
CTFs: APU BOH 2021, TAR UC CTF, F-Secure Cyber Security Challenge 2021