CALLUM HOPKINS

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SUMMARY

Passionate software engineer with one year experience in DevOps and a Diploma of I.T. Highly passionate in the field, self taught in Linux server configuration, equally enthusiastic about programming. Skilled in problem solving, troubleshooting and web development and scripting. Highly keen to continue learning to up-skill and gain proficiency in any technology.

EDUCATION

Kangan Institute
Diploma of I.T.
Aug 2023 – Aug 2024

Swinburne University
Certificate IV in I.T. (Programming)
2022

Whitefriars College
Victorian Certificate of Education
2017-2018

SKILLS

Programming

Confident
JavaScript • Typescript • HTML • Git • C# (ASP.NetCore) • Svelte • MSSQL

Familiar
PostgreSQL • Angular • xUnit • CSS • Bootstrap • Material UI • Tailwind

Operations

Confident
AWS • Docker • Linux CLI • Git • Atlassian Products • Ubuntu Server • GitHub Actions

Familiar
Networking • Jenkins • Bamboo • Octopus • Jira Automation • Terraform • New Relic

Miscellaneous
Troubleshooting • Problem Solving • Critical Thinking • Self-starting • Team Work • Communication • Independent Work

References available on request

EXPERIENCE

carsales | Devops Role (Traineeship) Aug 2023-Aug 2024

- Completed as part of the Diploma of I.T.
- Migrated CI/CD from Octopus and Bamboo/Jenkins to GitHub Actions, deploying to AWS EC2 using CodeDeploy, saving development teams approximately 15 hours per week.
- Saved the business over $42,000 a year by optimising EC2 instances as part of the Octopus migration.
- Collaborated with various development teams across the business to migrate CI/CD to GitHub Actions, requiring extensive communication and adaptability.
- Helped create scalable Windows self-hosted GitHub runners with Terraform using the OSS Philips Labs module, significantly improving reliability and cost over the previous solution.
- Configured AWS autoscaling groups, EC2 instances and application load balancers to run IIS sites and Dotnet console applications.
- Provided technical support to individual users to resolve problems of various complexity.

PROJECTS

HOME LAB

- Set up and maintain a home lab on Ubuntu running various services and technologies including Docker, Apache, Netdata, nginx proxy manager.
- Developed proficiency in bash CLI, configuring and running Docker containers and hosting websites through Apache.

WEATHER APP

- Created and deployed a responsive website using SvelteKit that displays the current and forecast weather at any location in Australia.
- Used Cloudflare workers to proxy API calls to Open Weather Map, ensuring security and maintaining performance.

MOVIE AND TV DATABASE

- Created a website, using SvelteKit, to search and obtain information on movies and shows, using SvelteKit API routing and writable stores.

HOBBIES

CYCLING | Road and Track (Velodrome)

- Competing in road and track cycling since 15 years of age.
- Train approximately 10 hours a week and race regularly in various events.
- Enjoy keeping up to date with the latest sport science to continually improve my training and recovery.