JACK BUCINSKAS

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Melbourne, Australia

EDUCATION

University of Wollongong, Australia	Wollongong, Australia
Bachelor's Degree: Computer Science	*2018 - 2020*
University of Wollongong, Australia	Wollongong, Australia
Diploma: Information Technology	*2017 - 2018*

SKILLS

- **Programming Languages**: Go, Python, Postgres/PSQL, C++, JavaScript
- **Technologies**: AWS, Terraform, Docker, Nomad (Container Orchestration), IAM, Kafka, GitHub
- **Platforms**: Linux (Debian/Ubuntu, Alpine, CentOS, NixOS), Windows Server, macOS

PROFESSIONAL EXPERIENCE

Site Reliability Engineer & DevOps — Melbourne, Australia
Spotpass — *June 2021 - Present*

- **Monitoring**: Implementation of Application and System level monitoring into an existing product stack using ElasticSearch and webhooks to OpsGenie and Slack.
- **Infrastructure**: Complete E2E setup of Terraform infrastructure with IaC principals in mind. Spotpass is a zero-trust environment that is based around identity-based security.
- **Deployment**: Creation of a HashiCorp cluster utilising Nomad, Consul and Vault for scaling jobs, service discovery and secret token management.
- **Testing**: Built an in-house Canary CI/CD (blue-green) deployment pipeline with Nomad.
- **Security**: Spotpass is a micropayments (Fintech) company. Security and privacy of our users data is critical. On every deployment an internal audit of the technology stack would be conducted, which includes port knocking and penetration testing for any insecure APIs.

System Administrator — Wollongong, Australia
Catholic Education - Diocese of Wollongong — *November 2019 - July 2021*

- **Technologies Utilised**: Strong skillset in; Linux/UNIX, DNS, Active Directory, DHCP, Windows Server, Docker, Virtual Networking, Internet Security (Zscaler), WAP Technologies (Ruckus Aruba), Managed Software Centers (SCCM, Munki) and Mobile Device Management.
- **ITIL**: Helpdesk work with the use of GLPI & FreshService Ticketing System, analysis of recurring tickets and implementing ITIL strategies where applicable.
- **Project Management**: Planned outages and projects discussed with Senior Management Team in a timely and achievable manner.

Full Stack Web Developer — Wollongong, Australia
QPS Benchmarking — *April 2019 - June 2019*

- **Front End**: Front End React.js development, Excellent CSS design practices and UI/UX considerations.
- **Backend**: Worked with Python Django framework to connect the MySQL database.
- **Testing & Deployment**: GitHub version control, CI/CD pipeline (using GitLab). Familiarised myself with existing testing frameworks.

PROJECTS

Self Hosted — Local Area Network & Cloudflare

- **Docker**: With the use of Docker, a lot of my IoT projects are stored in 'docker-compose.yml' files that allow easy troubleshooting, diagnostics and logging of these services. These use self-signed certificates and are only accessible on my local area network. This helped me greatly move into my current SRE role working with microservices exclusively.
- **IoT**: I am currently exploring and enjoying learning about the ever-expanding use cases of IoT's such as PoE cameras, smart door locks, smart power adapters (analysis of energy usage), thermostats (analysis for energy savings), and other devices & services that technology contributes to increasing market for home business automation.
- **Cloud Services**: I am currently hosting my personal site https://bucinskas.net/ with Cloudflare Static Web Service automated TLS 1.3 certificates whilst also utilising their CDN.

ADDITIONAL EXPERIENCE & MEMBERSHIPS

- **Certified Information Systems Security Professional - Charles Stuart University**: January 2022 - Februrary 2022
- **Apache Kafka 2.0 Ecosystem & Core Concepts - Udemy**: December 2021
- **Member of German Shepherd Club of Victoria, Malvern**: October 2021 - Present
- **Member of Illawarra Classic Motorcycle Club**: February 2021 - Present