

Cameron Redmond

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DevOps Engineer with a strong background in Kubernetes orchestration, cloud infrastructure, and automation. Experienced in migrating legacy workloads into scalable containerized environments, optimizing AWS/Azure infrastructure, and maintaining high availability for mission-critical services. Skilled at building internal tools, automating deployments, and enabling developer productivity through secure, reliable infrastructure.

Experience

Kepler Communications - Toronto, CA

System Administrator | Jun 2025 - Present

- Orchestrated the seamless migration of 50+ microservices to a kubernetes-based infrastructure, enhancing security posture and achieving minimal downtime during the transition
- Collaborated with development teams to deploy and support new applications, ensuring seamless integration with existing infrastructure and optimal performance
- Managed and optimized AWS cloud costs, identifying and removing unused infrastructure to reduce spend by 20%

Kepler Communications - Toronto, CA

IT Specialist | Jun 2022 - June 2025

- Led the design and implementation of a Mobile Device Management (MDM) program using Microsoft Azure & Intune, enrolling 160+ devices across 120+ employees
- Spearheaded an 8-month cross-departmental project to build a cloud based document sharing environment, ensuring seamless integration into existing infrastructure
- Orchestrated company-wide Slack migration and implemented custom Slack automations, including a bot delivering daily reports to managers
- Helped design and implement a robust backup strategy with nightly full-server backups, ensuring fast disaster recovery and zero data loss incidents
- Played a pivotal role in facilitating a company-wide relocation, minimizing downtime during the transfer of critical IT infrastructure and hardware

Projects

Paper Route - Manhattan, NY

- Designed and built a secure newsletter aggregation platform serving active users: Postfix mail server, Nginx reverse proxy, WireGuard VPN, FastAPI backend, MariaDB database, and React frontend
- Engineered for high availability, processing thousands of emails weekly with automated summarization and categorization by leveraging open large language models

Formula 1 Stats Web App

- Developed a real-time Formula 1 statistics dashboard using React, Node.js, and Axios, leveraging the Ergast API to pull race data within hours of race completion

Education

Wilfrid Laurier University - Waterloo, CA

Bachelor of Science, Computer Science | 2017-2021

Skills & Interests

Programming & Software: Python, JavaScript, React, Node.js, Next.js, Django, Bash, PostgreSQL, MongoDB, MySQL, PowerShell

DevOps & IT Operations: Microsoft Azure, Intune, Exchange, AWS (EC2, S3, RDS, VPC), Docker, Kubernetes, Ansible, VMware ESXi, Hyper-V, XenOrchestra, Windows, Linux, macOS

Other Interests: Formula 1, Golf, Astronomy, Startups