AP

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Summary

Strong, proven history of showing up, identifying problems, and solving them. Technology isn't a barrier.

Wide foundation in all areas of IT that allows me to identify, diagnose, and solve issues across domains and provide guidance and support to diverse teams of technical and non-technical staff.

Soft skills and understanding of business that has allowed me to become a key player, valued touchpoint, and trusted decision maker between technical and non-technical staff.

Work Experience

2021–2022 | **Specbooks** Florida, USA
Principal Engineer

Executed several high-level goals supporting their move away from legacy infrastructure and into GCP.

2018–2021 | **Create Music Group** Vancouver BC
Lead Devops and Quality Assurance; Senior Full Stack Developer

Worked directly with CTO and teams to apply my broad knowledge and experience to policies, technologies, and architecture to improve organization, processes and product. Got my hands dirty implementing it myself when no one else could and drove a modernization effort of over a decade worth of legacy code and infrastructure.

2013–2018 | **Captive** Regina SK
Developer

Lone wolf specialist repeatedly tasked with repeatedly implementing wild ideas on crazy short deadlines in a pressure-filled marketing agency. Implemented line-of-business tools and process improvements and was credit with a 5% increase in net profit company-wide.

2011–2013 | **GP, Inc.** Regina SK
Consultant

Responsible for the full spectrum from client acquisition through implementation.

2009–2011 | **OH! Media** Regina SK
Backend Developer

Implemented internal products and client projects.

Certifications

2019 | **Cloud Solution Architect Associate** Amazon Web Services (AWS)

Skills

Architecture	• Led architecture meetings and reviews at code, project, and infrastructure level balancing technical and business considerations. • Identified opportunities to apply more effective tooling such as TimescaleDB, etc.
Business Analysis	• Worked with multiple business units to identify and document processes and discover opportunities where tools could streamline work. • Worked with business units to redefine processes and provision or build new tools including task management, time management, contract/billing and workflow.
Containers	• Designed and implemented containerization strategy and supported development teams. • Set up Docker for local development as well as on ECS and Kubernetes. Implemented CI/CD pipeline with Bitbucket Pipelines, deployment process, and more. • Migrated complex legacy applications into containers significantly increasing team scalability and development velocity. • Developed tooling to fill in gaps in existing software and ease transition into developing with containers. • Managed Kubernetes clusters with dozens of workers. • Managed small Hashistack (Consul, Vault, Nomad + Fabio) cluster.
Development	• Developed internal and external facing projects in a variety of environments, as microservices and large monoliths including websites, single page apps, SaaS offerings, interactive kiosks, mobile applications, games, windows desktop, line of business, infrastructure tools, and more. • Used several languages and frameworks including: PHP (Laravel, CodeIgniter, CakePHP, Magento, Wordpress, BoltCMS), Javascript (jQuery, node.js, npm), HTML/CSS (SCSS/SASS), MySQL, PostgreSQL (PostGIS), C#/.NET, Bash, Python • Devoted a large part of my effort to cleanup and modernization of legacy applications. In one notable case, I was the fifth person to attempt modernization and the first to succeed and successfully executed several large migrations with zero downtime.
Infrastructure	• Architected, implemented, and maintained infrastructure on-premises, customer-premises, on AWS, GCP, IONOS and Rackspace using Linux, BSD and Windows. • Planned and implemented massive legacy infrastructure upgrade. Replaced existing ad-hoc architecture with consistent architecture implemented 100% as code (including implementing many custom CloudFormation resources to fill gaps). • Created documentation on infrastructure and processes. • Used AWS products including: EC2 (EBS, ELB, VPC), S3, Aurora/RDS MySQL + Postgres, CloudFormation, CloudTrail, CloudWatch, ECS/ECR, ElasticSearch, ElasticCache, IAM, Global Accelerator, Lambda, Internet of Things, SNS, SQS, WAF, Certificate Manager, Secrets Manager, DynamoDB, Route53, SES, and more. • Used GCP products including: Kubernetes Engine, Compute Engine, Cloud SQL, BigQuery, GCS, Operations, IAM, Pubsub, Container Registry, and more.
Management	• Provided guidance, mentorship and support across the entire technical team. • Set and executed goals for my department. • Managed staff including supervision, performance reviews, career development and goal setting, resolving interpersonal conflicts, etc. • Responsible for purchasing and sign-offs with budgets. Responsible for managing outsourcing and contractors.
Networking	• Architected and implemented networks for small businesses and hospitality. All wiring, equipment configuration, other setup in installs ranging from 40-200 units. • Provisioned and installed hardware from Cisco, MikroTik, HP, Ubiquiti, ZyXel, etc.
Other	• Managed external services including Atlassian (Jira), Bitbucket, GSuite and more. Made selection and purchasing decisions regarding additional services. • Managed Google AdWords spend of one million dollars per year. • Design, production and support for a variety of physical build-outs. • Design, execution, repair and modification of electronics and electrical systems. • Managed VoIP, building access systems, and many other things.