

BRETT KORP

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WORK EXPERIENCE

HOTB Software Solutions

DevOps Manager

Irvine, CA - Remote

May 2022 - Present

- Envisioned roadmap and communicated strategic vision for company's growing cloud infrastructure and SaaS product environments while managing cost-efficiency, security, availability, and performance for production environments supporting 1M+ users.
- Lead a team of DevOps engineers in implementing CI/CD pipelines and highly available AWS infrastructure that meets the compliance and security objectives of the company.
- Managed Company DevOps department with emphasis on team culture, excellence, and teamwork. Responsibilities include agile sprint management, ticket creation, requirements gathering, and employee management.
- Designed multi-account AWS cloud infrastructure platform leveraging centralized SSO, re-usable terraform modules, and highly scalable Kubernetes clusters for standardized company-wide software product hosting platform.

HOTB Software Solutions

DevOps Engineer

Irvine, CA

Dec 2019 - May 2022

- Built CI/CD pipelines for all company software development teams with Python, Bash, Jenkins, and AWS CodeDeploy.
- Drove the adoption of infrastructure as code with re-usable Terraform modules for highly available cloud infrastructure on AWS.
- Designed highly available and scalable cloud infrastructure environments using AWS services such as EC2, RDS, EKS, ECS, S3, Route53, Lambda, SQS, etc.
- Wrote documentation on development best-practices regarding version control strategies, data migration techniques, cloud security, and data-structure choices to architect for scalability.
- Designed and implemented software release automation tools and processes resulting in greater visibility into the software release cycle.

L.U. Electric, Inc.

IT Manager

Irvine, CA

Sep 2018 - Dec 2019

- Managed on premises network infrastructure, implementing remote management platform and robust disaster recovery solutions to meet RTO and RPO objectives.
- Executed zero down-time migrations to critical company-wide infrastructure modernizing windows domain network, corporate email platform, and company phone system.

L.U. Electric, Inc.

Software Developer

Irvine, CA

Feb 2016 - Sep 2018

- Implemented CI/CD deployment pipeline using Jenkins, Bash, and Python for use in application deployments to AWS infrastructure.
- Developed features for a full-stack internal project management system written in JavaScript using NodeJS, ExpressJS, AngularJS, and MySQL.

Magenta Computer Center

IT Technician

Lake Forest, CA

April 2011 - February 2016

- Designed and assembled 2000+ custom servers and computer systems built to customer specifications.
- Evaluated Linux-based IT software on custom-built servers, responsibilities included lab network setup, and bash automation.

TECHNICAL SKILLS

Programming Languages:	Javascript, Python, Bash, SQL (Postgres, MySQL), HCL (Terraform)
Technologies:	Kubernetes, Docker, Terraform, Git, Jenkins, Postgres, AWS, Linux
Other:	Leadership, CI/CD, Cloud Infrastructure, Distributed Systems Architecture

EDUCATION

University of California, Riverside

B.Sc. Computer Science with Business Applications, Cum Laude

Riverside, CA

- March 2020