Blair VanderLugt

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WORK EXPERIENCE

Stateless Solutions   July 2023 – Sept 2024
Senior DevOps   *San Diego, CA (Remote)*
- Architected and orchestrated GCP infrastructure supporting 25M daily requests across two regions, encompassing IAM, service deployments, and organization-wide best practices for a 5-developer team.
- Designed the monitoring and alerting strategy and implemented automated dashboard deployments to get timely insights into our live systems.
- Implemented robust security protocols for CI/CD pipeline, incorporating GCP Identity Federation, automated vulnerability scanning, and secure service deployments using GitHub Actions, enhancing software supply chain integrity.

Pocket Network Inc.   Feb 2023 – July 2023
DevOps Engineer   *San Diego, CA (Remote)*
- Streamlined deployment process by developing and maintaining K8s Helm templates for Go web services, reducing deployment time and improving consistency across environments.
- Architected and implemented scalable infrastructure using Terraform, enabling rapid provisioning of resources.
- Optimized CI/CD pipeline by integrating GitHub Actions with ArgoCD.
- Engineered comprehensive observability solution using Grafana dashboards and custom metrics/log pipelines, enhancing overall system reliability.

Pocket Network Inc.   Sept 2022 – Feb 2023
Technical Support   *San Diego, CA (Remote)*
- Engaged users, community members and partners via Discord and Telegram and collaborated with engineers to triage issues.
- Created a public ticketing system in Zendesk to keep track of service requests and resolution.
- Worked with the sales team to align CRM and service data.
- Built a service status page with Atlassian Statuspage.

Grassroots Economics   Oct 2020– April 2022
Developer Operations and Team Lead   *San Diego, CA (Remote)*
- Led team which shipped a new open source community inclusion currency application running on a PoA EVM blockchain, a USSD interface, and Python backend.
- Automated the testing and delivery of the python and solidity stack and provisioned the backend Kubernetes cluster and monitoring.
- Provided uptime and triage support of the production issues in Kubernetes, s3, ec2, RDS and serverless APIs.
- Ran weekly agile syncs and managed our Kanban board for both internal and external contributors.
- Collaborated with leadership to define OKRs and KPIs to monitor and report on progress for external stakeholders like UNICEF Innovation Fund and to improve our open source contributor experience.

Millipore Sigma   Oct 2020– June 2021
Developer Operations and Team Lead   *San Diego, CA (Remote)*
- Delivered bespoke automation with nginx, linux and s3 for marketing team to manage static redirects.
- Supported the eCommerce team with build and test automation for a Next.js application.
- Created application health metrics and log aggregations for eCommerce apps using Fluentd, Prometheus and Grafana.

Microsoft   **Sept 2018– Oct 2020**

Software Development Engineer II   *Seattle, WA*

- Owned frontend development for the Azure portal, rapidly mastering TypeScript and Knockout.js codebases. Collaborated cross-functionally with Design and Product Management teams to deliver a new UX for public preview release, meeting tight deadlines and enhancing user experience.
- Maintained and evolved Azure Resource Manager (ARM) Quickstart templates, ensuring alignment with current specifications and best practices. Actively engaged with the developer community through GitHub, promptly addressing issues and incorporating feedback to improve template quality and usability.

PeloTech   **June 2017– Aug 2018**

Software Journeyman   *Seattle, WA*

- Provided consulting services on cloud transformation and DevOps best practices to healthcare and IoT hardware corporate clients.
- Delivered a bespoke firmware delivery POC which included an end-to-end CICD system defined in Terraform templates enabling developers to push code to a private repository, initiate builds and deliver signed binaries over SCP to devices.
- Supported Seattle Cancer Care Alliance developers in selecting and tailoring AWS services to build PHI/HIPAA compliant self-service applications for cancer patients.

Nordstrom   **May 2015– March 2017**

Software Engineer I   *Seattle, WA*

- Worked with data scientists to move data between on-site customer databases and cloud-based analytics platforms like Tableau.
- Provisioning infrastructure for data science workloads and ETL on AWS including EC2, S3, Hadoop, Spark and Postgres RDS.

EDUCATION

University of Maine

M.S Resource Economics and Policy   *Orono, ME*

- Masters thesis: examined variance in land use patterns by private landowners across the urban to rural gradient.
- Relevant Coursework: Econometrics I, Econometrics II, Advanced Biometry, Advanced Microeconomics, GIS issues in Policy.

Boise State

B.A. Economics   *Boise, ID*

- McNair Scholar

SKILLS

Software development, DevOps, Cloud Computing, Python, node.js, Go, Javascript, Typescript, Docker, Kubernetes, AWS, GCP, Azure, Microservice architecture, system design, Token Engineering, networking, Agile, Web3, blockchain, project management

TRAININGS

- Consensys Academy mentor Fall 2021
- Token Engineering Academy alumni from Fall 2020
- KERNEL Block II program participant Winter 2020