

McKlyde Lagnada

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WORK EXPERIENCE:

Site Reliability Engineer II — *Blue Origin*, Kent, Washington

December 2021 - Present

Responsible for keeping all user-facing services running smoothly, and reliably — blueorigin.com

- Proficient in configuring, deploying, scaling, and administering open source and commercial software using infrastructure as code (IaC) methodologies, ensuring compliance with FedRAMP and NIST standards.
- Collaborate with cross-functional teams to design, develop, maintain, and communicate development timelines
- Lead incident response efforts, performing root cause analysis and implementing preventive measures to minimize future incidents.
- Maintain documentation of system architectures, procedures, and troubleshooting guidelines to facilitate knowledge sharing and team collaboration.

Site Reliability Engineer I

- Implemented automation frameworks and tooling to streamline deployment processes and reduce manual effort.
- Monitored system performance, identified bottlenecks, and collaborated with the team to optimize resource utilization.
- Assisted in the development and maintenance of monitoring and alerting solutions for proactive system monitoring.
- Participated in incident response and troubleshooting, diagnosing and resolving issues to minimize downtime.

Web Developer — *Fanimal*, Venice, California

January 2020 — March 2020

A live events ticket exchange platform — fanimal.com

- Utilized react, and django framework to create and maintain pages for the website.
- Designed web pages with Bootstrap and SASS preprocessor

Coding Tutor — *Tutopoint*, Seattle, Washington

December 2019 — Present

Tutoring platform by College Students — tutopoint.com

- Demonstrated success in helping students achieve their coding goals, whether it be building their first website, developing a mobile application, or advancing their coding skills for professional opportunities.

Software Engineer — *Numbered Notes*, Seattle, Washington

October 2019 — January 2020

A music company that provides teaching material to students — numberednotes.com

- Developed the iOS application from the ground up using Swift, and SpriteKit.
- Employed best practices in software development, including code documentation, version control, and testing methodologies.

Freelance

July 2015 — Present

- Designed and maintained web pages using PHP, and Laravel framework
- Designed and maintained wordpress websites
- Created microservices using C/C++ that interfaced with APIs

EDUCATION:

Bellevue College

September 2019 — 2020

- Completed credits towards a BS in Computer Engineering

Bellevue High School — High School Diploma

September 2015 — 2019

- 9 APs, graduated with honors.

PERSONAL PROJECTS:

Self driving car

- Reversed engineered CAN signals from Bosch & Toyota embedded systems.
- Currently working on fabrication of converter plates for Bosch iBooster systems to fit in traditional vacuum boosted cars.

Mosachi

- Reversed engineered gradebook api using MITM to create a gradebook calculator using Elixir, and Phoenix framework.

LANGUAGES AND TECHNOLOGIES:

Scripts: Bash, C#, C/C++, Elixir, Erlang, Haskell, Java, Javascript, Lua, Obj-C, PHP, Python and Swift

Databases: Postgres, MySQL, Cassandra, MongoDB, DynamoDB, AWS S3, Redis, Neo4J and RabbitMQ

Frameworks: Angular, ASP.NET, Django, Express, GTK, Laravel, Phoenix, QT, React, Vue, and Yesod

Operating Systems: Debian, Kali, Linux, MacOS, RHEL, Windows, and Windows Subsystem Linux

CI/CD: Kubernetes, Docker Swarm, Gitlab Pipelines, Rancher, Vagrant, DataDog, Terraform, Ansible and ELK stack

Embedded Technologies: Arduino, Raspberry Pi, and STM32

Miscellaneous: AutoCAD, CANBus, Google SketchUp, and WireShark