

Key Skills

- Attributes: Trustworthy, reliable, flexible, motivated
- Priorities: Teamwork, execution, customer experience
- Experience with Agile/Scrum Workflow
- Object-Oriented Programming: Java, Python, Go
- Cloud: GCP, Terraform, Kubernetes
- Databases: SQL, MongoDB
- WebDev: HTML, CSS, JavaScript, React, Node, Express
- Pipeline: Github Actions, Azure Devops, Argo CD
- Systems: Linux, machine learning, microcontrollers, Git
- Formatting Structures: JSON, YAML, XML

Professional Experience

Maven Wave, an Eviden Company, Chicago, IL | June 2021 - present

DevOps Consultant, Infrastructure Team

- MAYO CLINIC: Deployed massive initial “Data Behind Glass” product, onboarding over 20 customers in the initial cohort. Success spurred multiple avenues. The first, led a security-focused project that enabled customers to interact with Mayo’s de-identified and encrypted data, ensuring Mayo and the customer are protected from each other. The second, a fundamental rework of the tenant deployment process, saving thousands of man-hours and providing easier visibility, maintainability, and repeatability.
- CAPITAL ONE: Re-platformed infrastructure of acquired company while ensuring security, stability, minimal downtime, and compliance.
- IGNITE: Created end-to-end solution and presented to stakeholders. Gathered/cleaned data; developed cloud infrastructure, database structure and flow, front end, and communication with database and backend.

Yellowstone Ecological Research Center (YERC), Bozeman, MT | September 2020 – April 2021

Computer Science Intern, Senior Capstone Team

- Developed machine learning model based on statistical analysis to forecast watershed information through sensors and geographic information systems (GIS).
- Created structured database storing rationalized data to easily display analysis for interactive web service.

Zoot Enterprises, Bozeman, MT | June - August 2020

Computer Science Intern, Microservices Team

- Collaborated with technical leads, technical writers, and other developers to create attributes based on specifications created by software architects.
- Audited attributes other developers created to ensure complete compatibility with the entire system.
- Configured connections to data providers through company software.

Nextworld, Denver, CO | May - July 2019

Computer Science Intern, Integration & Implementation Team

- Developed the full-stack of a website to train customers on various functionality of Nextworld’s enterprise platform; presented to company executives, including the CEO, using PowerPoint and a live demonstration.
- Built strong relationships with other teams and departments, which was critical to implementing projects on time.
- Integrated cross-reference functionality for general ledger accounts in partnership with Finance.

Education

Montana State University, Bozeman, MT | May 2021

- B.S. in **Computer Science**, College of Engineering; Minor in Photography

Leadership & Activities

- Volunteer at local Church | photographer & building community for newcomers | 2018-23
- Montana State University, *Teacher’s Assistant* | Digital Editing & Output, Computer Science | 2020 - 2021
- Boy Scouts of America, Sedalia, CO | *Eagle Scout* | 500 hours of community service

Bray Polkinghorne | Cover Letter

DevOps Engineer | Cloud Platform Consultant at Maven Wave

August 19, 2024

Dear Reader,

During college, I studied computer science and photography. On the surface, this is a combination of engineering and artistry, but looking back it was an education on how to interact with different people. Through this experience, internships, and my current position as a DevOps Engineer, I have learned that bridging the gap between the human and technical aspects is key.

The startup space is a fast-paced environment where innovation leads and failure happens fast. I thrive in such settings, quickly getting up to speed and delivering meaningful results. In my current role, I've demonstrated my value by being entrusted with top clients, Capital One and Mayo Clinic. Working with industry leaders has enabled me to develop scalable, robust solutions, with strict security and compliance in mind.

I am a self-starter who continually seeks to expand my skill set through hands-on experience. Building full-stack sites for myself and others, learning integration between hardware and software through microcontrollers and custom PCBs, and diving deeper in new technologies like LLMs and image generation. Each has intricacies that require different types of thinking that have honed my problem-solving abilities and made me adept at tackling new challenges head-on.

I have had the privilege to work with many different companies and see a variety of structures. I am eager to help you make dreams become reality! Thank you for your time and consideration, I look forward to speaking with you.

Bray Polkinghorne



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