JONATHAN BLUHM

Software Engineer

📞 719-243-9318 ✉ bluhmjc@gmail.com 🏠 Westminster, Colorado

Technical Skills

Languages: C#, Java, Python, Typescript, Javascript, C, SQL, Bash, HTML, CSS
Technologies: Linux, Windows, Asp.net Core, Node.js, Msbuild, Docker, Gitlab CI, Azure Devops, Splunk, Powershell
Other: Data Structures and Algorithms, Agile, Unit Testing, Code Reviews, REST, Microservices, Distributed Systems

Experience

Geico   2023 − Present
Engineer II   *Remote*

- Collaborated with various engineering teams across Geico to deliver a new, streamlined commercial auto insurance experience. This new experience cuts down the time for customers to get a quote by 50%.
- Updated systems to allow drivers with suspended licenses to get a quote. This new feature could generate up to $150,000 a year in revenue for Geico.
- Assisted in the development of a new Independent Agent commercial insurance product. This product leveraged legacy systems to create a new web experience for insurance agents. The new web experience will save agents hours each day when creating certain quotes.

Sphere Commerce   2022 − 2023
Software Engineer   *Westminster, Colorado*

- Worked with a team of six engineers to improve the stability of the integrated payment application. The integrated payment application is a multithreaded, microservice architecture, cloud based application that processes payments for thousands of clients across the United States.
- Cleaned up unnecessary logs made by our logging service, reducing the amount of data logged to splunk every day from 200GB to 10GB.
- Identified and corrected a memory leak in a long running process. The fix allowed us to change the machine it was running on from an i2 to an i1 instance, saving around $300/month.
- Debugged and corrected multiple sporadically failing unit tests which led to a 30% increase in CI builds completing.

Dish Network   2021 − 2022
Software Engineer I   *Superior, Colorado*

- Designed, deployed, and maintained software applications for the Dish Network uplink center that allow internal teams to monitor over 6000 TV channels in real-time.
- Overhauled continuous integration (CI) and continuous delivery (CD) pipelines leading to 50% faster builds.
- Integrated Node.js into 6 year old website to allow for dependency management and unit testing.
- Responded promptly to alerts from Zabbix, maintaing system up time above 95%.
- Mentored new team members, allowing them to contribute to projects with confidence.

United States Navy   2013 − 2017
Nuclear Electrician   *Groton, Connecticut*

- Functioned as an integral part within a watch team to maintain smooth operation of the reactor plant during complex evolutions.
- Solved problems efficiently by referencing manuals and textbooks.
- Retained the vital documentation for maintenance and history of the reactor control system.
- Communicated effectively with peers from a wide variety of disciplines and backgrounds.

Education

University of Colorado Boulder   2019 − 2021
Bachelor of Science in Computer Science   *Boulder, Colorado*

- GPA: 3.76
- Course Work: Linux System Admin, Network Systems, Operating Systems, Robotics, Algorithms, Human Computer Interaction, Data Structures, Cybersecurity, Machine Learning, Calculus 1-3, Probability and Statistics, Linear Algebra