Brandon Coburn

Software Engineer with a record of preventing $1M+ losses and delivering performant and scalable solutions.

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PROFESSIONAL SUMMARY

Seasoned Software Engineer with 5+ years of experience in optimizing APIs, developing scalable backend solutions, and mentoring junior engineers. Expert in Go, C#, JavaScript, cloud architecture, and DevOps. Notable achievements include preventing a $1M+ loss and improving data retrieval times by 80%. Experienced in the gaming and tech industries. Passionate about data security and creating impactful software solutions.

WORK EXPERIENCE

Wolfjaw Studios | Software Engineer
Nov 2022 - Present | Troy, New York

- Directed migration to microservices architecture using Docker and Kubernetes, reducing deployment times by 40% and boosting team productivity by 25%.
- Engineered a real-time statistical tracking system on GCP, managing 5 million user profiles, enhancing data processing efficiency by 50%, and improving user analytics accuracy.
- Pioneered a k6 load testing framework for a AAA game, uncovering critical issues, ensuring timely product certification, and averting potential losses exceeding $1 million.
- Developed automated CI/CD pipelines using Jenkins and Git, reducing manual deployment errors by 60% and accelerating release cycles.
- Mentored junior engineers on best practices in software development and cloud architecture, contributing to a 30% improvement in code quality and team skill development.

FiveM | Software Engineer
Jul 2017 – Oct 2022 | San Diego, California

- Utilized C# and .NET for server-side logic and API integration, ensuring robust and scalable backend solutions.
- Automated deployment and testing processes using Jenkins and Docker, reducing manual intervention by 70%.
- Collaborated with the community to identify and resolve performance bottlenecks, improving server stability and reducing latency.

SKILLS

Programming Languages

- Proficient in: Go, C#, C++, Python, JavaScript
- Working knowledge of: Java, Kotlin, Rust

Technologies

- Docker, Kubernetes, AWS, GCP, Node.js, MongoDB, Redis, SQL, Git

EDUCATION

Software Engineer Certificate
Full Sail University, Feb 2022 – Jun 2023
GPA: 4.0
Collegiate Scholar, Academic Excellence Award

PROJECTS

TopSpin 2K25 https://topspin.2k.com/2k25/ |
Online Services

- Designed a scalable backend architecture, enabling high-performance metric computation, storage, and retrieval, which improved system scalability by 50%.
- Integrated customized algorithms for efficient hashing and searching across multiple database layers, enhancing data retrieval speed by 35% and reducing search times by 25%.
- Implemented efficient networking protocols for low-latency communications across multiple geographical zones, reducing latency by 40%

PROFESSIONAL DEVELOPMENT

- IBM DevOps and Software Engineering | IBM via Coursera | 2024
- Software Design and Architecture | University of Alberta via Coursera | 2024
- Software Development Lifecycle | University of Minnesota via Coursera | 2023