

# Christian Sean Bulloss

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[cbulloss.dev](https://cbulloss.dev) 

## Summary

Engineering Manager with 10+ years building and scaling enterprise applications. Experienced growing and leading high-performing teams and delivering mission-critical applications to 200K+ users. Experienced in full-stack development, cloud architecture, and technical mentorship with a track record of growing teams and shipping complex products.

## Technical Skills

**Languages/Frameworks:** Java (Spring Boot), C# (.NET Core), JavaScript (React, Node.js), TypeScript, Python, SQL

**Cloud/Infrastructure:** AWS (RDS, S3, CloudFront, IAM, R53, SNS/SQS, CDK), Google Cloud, Docker, CI/CD, Redis, TeamCity, Jenkins, GitHub/Actions

**Leadership/Other:** Team management, technical mentoring, aviation regulations (FAA/EASA/TCCA), test design & automation, agile development, automation, LLM Usage

## Education

Virginia Tech

B.S. Business Information Technology – Decision Support Systems

May 2014

## Work History

### ForeFlight

#### Engineering Manager

Feb 2025 - Present

Austin, TX (Remote)

*Leading engineering excellence across diverse aviation applications serving general aviation community*

- ▶ Direct 8-person engineering team responsible for mission-critical aviation applications including flight logging, airport pricing, pilot community features, and regulatory database management
- ▶ Drive individual career development through structured mentorship programs, pairing senior developers with emerging talent to accelerate team capabilities
- ▶ Orchestrate cross-functional collaboration with Product Management and Mobile Engineering teams, ensuring seamless technical integration and aligned product roadmaps
- ▶ Establish engineering standards and best practices across all projects, emphasizing maintainable code architecture, comprehensive testing, and sustainable development practices
- ▶ Lead adoption of AI development tools across engineering workflows, leveraging LLM capabilities to accelerate development cycles and improve code quality while maintaining engineering rigor
- ▶ Conduct performance and career management and provide feedback through one-on-one's.
- ▶ Develop internal tool to report on team member performance metrics.

### ForeFlight

#### Software Engineer

Sep 2022 - Feb 2025

Austin, TX (Remote)

*Full-stack aviation software development (Promoted to Senior Software Engineer January 2024)*

- ▶ Architected flight logging platform serving 200K+ monthly users with regulatory compliance reporting for FAA, EASA, and Transport Canada certification requirements
- ▶ Built scalable analytics engine processing millions of flight entries for real-time currency tracking, route analysis, and aviation training progress monitoring
- ▶ Engineered full-stack architecture with React frontend, Express middleware, and Spring Boot backend using reactive programming for high-volume data processing
- ▶ Led infrastructure modernization from EC2/CloudFormation to Fargate/CDK, implementing automated deployment pipelines and cloud-native architecture patterns
- ▶ Grew development team from individual contributor to managing 4 full-stack developers, establishing mentorship practices and collaborative workflows

## **TigerRisk Partners, LLC**

### **Application Developer / QA Automation Engineer**

Oct 2020 - Sep 2022

Remote

*Full-stack development and quality assurance for insurance technology solutions*

- ▶ Delivered enterprise insurance applications using .NET stack (C#, ASP.NET Core, Angular, TypeScript) while contributing to agile planning and user story implementation
- ▶ Modernized legacy web API from .NET Framework to .NET 6, improving performance and maintainability across insurance analytics platform
- ▶ Established comprehensive testing framework combining automated UI testing (Cypress) with API validation, integrating security scanning into CI/CD pipeline
- ▶ Served as Scrum Master for cross-functional team, facilitating agile ceremonies and removing development blockers while maintaining development responsibilities

## **Law Enforcement & Public Safety**

### **Police Officer / Public Safety Officer**

Aug 2017 - Oct 2020

Wake Forest & Butner, NC

- ▶ Developed crisis management, decision-making under pressure, and communication skills — strengths applied in technical leadership roles

## **Ipreo US, LLC (Now part of S&P Global)**

### **Software Engineer, QA Engineer**

May 2016 - July 2017

Raleigh, NC

*Financial technology development with emphasis on automated testing innovation*

- ▶ Built full-stack financial applications while pioneering test automation improvements including randomized data generation and page object model implementation
- ▶ Balanced development responsibilities with comprehensive quality assurance, creating systematic approaches to requirements analysis and test documentation

## **Harmonia Holdings Group, LLC**

### **Software Engineer**

Oct 2014 - May 2016

Blacksburg, VA

*Government contracting software development emphasizing process excellence*

- ▶ Delivered mission-critical software solutions in highly regulated environment, mastering rigorous documentation standards and compliance requirements
- ▶ Innovated automated testing approaches by independently developing REST API test harness, improving testing efficiency and reliability

## Activities & Awards

### Blacksburg Volunteer Rescue Squad

Feb '11 - Jun '16

2nd Lt. - Information Technology, Volunteer EMT

- ▶ Led organizational IT strategy and incident command operations while volunteering 8,000+ hours in EMS
- ▶ Designed technology infrastructure for new facility, including iPad deployment across fleet vehicles
- ▶ Provided field training for new EMTs with technical rescue certifications (vehicle extrication, swift water, high angle)

### Boy Scouts of America: Eagle Scout

Feb 2009

### Vance Granville Community College: BLET Academic Achievement Award

December 2017