

# Brandon McCray

## Software Engineer

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## Professional Summary

Full-stack software engineer with 7+ years developing enterprise applications in financial regulatory technology. Proven track record of transforming applications from internal tools into standalone revenue-generating products, scaling user bases from hundreds to thousands. Expert in .NET/C#, Angular, and SQL Server with strong focus on performance optimization, secure development practices, and delivering user-focused solutions in fast-paced environments.

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## Technical Skills

**Frontend:** Angular 10+, TypeScript, JavaScript, HTML5, CSS3, Next.js

**Backend:** C# (.NET Framework/.NET Core, ASP.NET), SQL Server, PostgreSQL, REST APIs

**Cloud & DevOps:** Azure (DevOps, App Services), AWS (EC2, monitoring), CI/CD pipelines

**Tools & Libraries:** Visual Studio, Chrome DevTools, Telerik/Progress, SyncFusion, SendGrid

**Architecture:** Scalable system design, performance optimization, secure development practices

**Methodologies:** Agile SDLC, code reviews, mentoring, project coordination

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## Professional Experience

### Software Engineer – Viewpoint Partners

2020 – Present | Raleigh, NC

#### Lead Developer - ComplianceViews Application

- **Product Ownership:** Sole developer responsible for ComplianceViews, a financial compliance platform serving risk management, regulatory reporting, and audit trail requirements
- **Business Impact:** Transformed application from bundled add-on to standalone revenue product, scaling user base from 300 to 4,000+ users in under 2 years
- **Performance Engineering:** Reduced critical page load times from 8+ seconds to under 1 second through systematic bottleneck identification using Chrome DevTools and Visual Studio profiling

- **Full-Stack Development:** Built and maintained end-to-end application architecture using Angular, .NET, and SQL Server with integrated third-party components (Telerik, SyncFusion)
- **User Experience:** Consistently delivered UI/UX improvements based on user feedback, resulting in high client satisfaction and positive testimonials

### Development Operations & Collaboration

- **CI/CD Implementation:** Integrated Azure DevOps pipelines to streamline deployment processes and improve release reliability
- **Code Quality:** Conduct thorough code reviews and mentor junior developers on best practices, troubleshooting, and issue prevention
- **Project Management:** Work closely with project managers on requirements gathering, sprint planning, and delivery coordination
- **Development Environment:** Created fully functional local development version of ComplianceViews with Express.js routing to secure network-accessible dev database

### Legacy System Modernization

- **Code Refactoring:** Systematically refactored legacy codebase to improve performance, security, and long-term maintainability
- **Security Enhancement:** Implemented secure development practices across application stack
- **API Development:** Built RESTful APIs and integrated SendGrid for automated communications

## Software Engineer – Sharptop

2017 – 2020 | Remote

### AWS Application Maintenance

- **Cloud Operations:** Maintained and extended AWS-hosted applications with focus on high availability and performance optimization
  - **Infrastructure Management:** Handled EC2 instance scaling, monitoring, and troubleshooting for production environments
  - **Service Architecture:** Contributed to service-oriented components within web applications and internal systems
  - **Team Collaboration:** Worked across small, cross-functional teams to deliver custom tooling and meet business objectives
  - **Technology Stack:** Primary development in Groovy and Grails framework
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## Education

### Bachelor of Science in Computer Science

Liberty University | 2019

### Azure Fundamentals Certification

Microsoft Azure | Certified

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## Military Service

### U.S. Navy | Electronics Technician

2011 – 2015

- **Technical Leadership:** Oversaw radar and communications systems for naval operations
  - **Team Management:** Led technical teams in high-pressure environments requiring precision and reliability
  - **Advanced Diagnostics:** Developed expertise in complex system troubleshooting and maintenance procedures
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## Additional Qualifications

**Technical Expertise:** Passionate about modern software development practices, system reliability, and performance optimization. Experienced in identifying and resolving complex technical challenges across full application stack.

**Professional Development:** Strong advocate for secure engineering practices, code quality, and knowledge sharing. Comfortable operating in fast-paced development environments while maintaining focus on long-term system stability.

**Project Involvement:** Actively participate in project planning and requirements analysis, with demonstrated ability to translate business needs into technical solutions that drive measurable results.