



Christian Armstrong

Technology Engineer

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SUMMARY

Technology Engineer with six years of experience delivering **enterprise applications**, web solutions, APIs, integrations, database systems, and modernization initiatives for service focused organizations. Builds practical solutions with .NET, C#, JavaScript, HTML, CSS, jQuery, Bootstrap, SQL, Oracle, and **Microsoft SQL Server**. Translates business needs into feasible technical approaches, specifications, interfaces, and implementation plans. Leads work through planning, development, testing, deployment, documentation, **production support**, and continuous improvement. Recent initiatives included cloud adoption, legacy migration, API integration, user interface modernization, production troubleshooting, and **data integrity** controls. Partners with vendors, technical teams, and business stakeholders to resolve difficult application and database issues. Provides mentoring and technical guidance that support reliable services, maintainable systems, secure delivery, and better public sector operations.

EXPERIENCE

Senior Application Engineer

CivicBridge Solutions 📅 January 2024 - Present 📍 Sacramento, CA

Leads modernization, integration, cloud migration, production support, and technical guidance for enterprise case management and permitting applications. Coordinates engineers, vendors, and business partners while protecting reliability, security, maintainability, and data integrity.

- Modernized permitting workflows with **.NET** and C# services, improving **maintainability** across enterprise applications.
- Connected document, payment, and identity services through tested APIs, protecting records during production exchanges.
- Migrated legacy components toward cloud infrastructure, resolving **performance** and security risks before scheduled releases.
- Traced Oracle and **Microsoft SQL Server** defects across application, API, and integration layers for dependable recovery.
- Created **technical specifications, implementation procedures**, architecture notes, and support documentation for production ownership.
- Mentored engineers through reviews, release planning, design discussions, and incident analysis with business stakeholders.

Application Engineer

Westgate Digital Services 📅 July 2021 - December 2023 📍 Fresno, CA

Delivered enterprise web applications, **APIs, database** integrations, interface improvements, testing, deployment support, and modernization analysis for internal service teams. Converted operational needs into feasible releases while coordinating database specialists and technical partners.

- Delivered .NET and C# **web applications** with **JavaScript**, HTML, CSS, jQuery, and Bootstrap for service teams.
- Validated **business requirements** through prototypes, shaping feasible interface enhancements before release planning began.
- Built APIs and database integrations that synchronized operational records with validation controls and dependable recovery paths.
- Investigated Oracle and **Microsoft SQL Server** issues through SQL analysis, release checks, and database coordination.
- Planned testing and deployment activities, documenting repeatable recovery procedures for production support teams.
- Compared framework and cloud options, presenting security, maintainability, integration, and operating tradeoffs to stakeholders.

Junior Application Developer

Sierra Systems Cooperative 📅 June 2020 - June 2021 📍 Modesto, CA

STRENGTHS

- ♥ **Application Modernization**
Legacy migration work clarified dependencies early, and release teams gained safer paths toward maintainable services.
- 🔧 **Production Troubleshooting**
Cross layer diagnosis connected application, API, database, and integration symptoms, restoring dependable operations for teams.
- 👥 **Technical Collaboration**
Business partners and vendors received clear options, and difficult decisions moved forward with shared context.
- 🎓 **Mentoring and Guidance**
Code reviews became practical learning moments, helping engineers approach design choices and incidents with greater confidence.
- 📊 **Data Integrity**
SQL analysis and validation controls protected operational records, a focus that proved valuable during integration fixes.

SKILLS

.NET C# JavaScript HTML CSS
jQuery Bootstrap SQL Oracle
Microsoft SQL Server APIs
System Integration
Object Oriented Programming
Cloud Technologies
Application Modernization

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



- Senior Application Engineer at CivicBridge Solutions (2.8 Years)
- Application Engineer at Westgate Digital Services (2.4 Years)
- Junior Application Developer at Sierra Systems Cooperative (1 Years)

Developed supervised web application features, reusable components, database queries, interface controls, deployment checks, and technical documentation for internal workflow and reporting needs. Supported senior engineers through structured troubleshooting, testing, and release preparation.

- Developed **C#** and JavaScript features for workflow and reporting applications under senior engineering guidance.
- Applied **object oriented programming** concepts to reusable forms, validation routines, and business rule components.
- Wrote **SQL queries** against relational data, confirming stored records before defect fixes entered testing.
- Created **Bootstrap** and **jQuery** interface components, checking browser behavior against representative business scenarios.
- Prepared test cases, configuration steps, **deployment** checks, and support notes for scheduled releases.
- Resolved lower complexity production defects through requirements review, peer feedback, and structured troubleshooting.

PROJECTS

Permitting Platform Modernization 📅 2026

Modernized a permitting platform through cloud migration planning, API integration, responsive interfaces, database troubleshooting, release testing, and production support. Work connected operational needs with reliable digital services and clearer technical ownership.

Enterprise Integration Reliability 📅 2024

Improved enterprise integration reliability by connecting document, payment, and identity services through tested APIs, validation controls, monitoring practices, and documented recovery procedures. The initiative protected data integrity across dependent applications.

LEADERSHIP & AWARDS

- Recognized by engineering leadership for dependable ownership of complex application modernization work.
- Selected as a trusted mentor for code reviews, design discussions, and production incident analysis.
- Received stakeholder recognition for clear technical documentation and practical release coordination.

EDUCATION

Bachelor's Degree in Computer Science

California State University, Sacramento 🎓 GPA: 0 📅 2020 📍 Sacramento, CA

Coursework: Object Oriented Programming, Database Systems, Web Application Development, Software Engineering

CERTIFICATIONS

- Microsoft Certified: Azure Developer Associate 📅 2025
- Microsoft Certified: Azure Fundamentals 📅 2022

TECHNICAL SKILLS

- **Application Development:** .NET, C#, Java
- **Web Technologies:** JavaScript, HTML, CSS
- **Web Interface Tools:** jQuery, Bootstrap, Responsive UI
- **Database Platforms:** Oracle, Microsoft SQL Server, Relational Databases
- **Query Technologies:** SQL, Stored Queries, Data Validation
- **Integration Technologies:** APIs, System Integration, Identity Services
- **Cloud Platforms:** Microsoft Azure, Cloud Migration, Cloud Infrastructure
- **Software Design:** Object Oriented Programming, Reusable Components, Architecture Notes
- **Delivery Practices:** Testing, Deployment, Production Support

- **Documentation Tools:** Technical Specifications, Implementation Procedures, System Documentation
- **Application Operations:** Performance Analysis, Security Review, Reliability Support
- **Project Delivery:** Feasibility Studies, Release Planning, Stakeholder Coordination

PROFESSIONAL AFFILIATIONS

- Professional technology communities focused on public service systems, application reliability, and responsible digital delivery.
- Engineering peer groups supporting knowledge sharing across .NET development, databases, APIs, and cloud adoption.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST