Jessica Genesis Belmonte

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with hands-on experience developing enterprise applications in .NET Core, C#, React and Python, including object-oriented design, MVC, Entity Framework Code First, and SQL-backed data models. Experienced in event-driven and distributed systems using Apache Kafka, REST APIs, microservices, Docker, and Kubernetes. Owns work across design, implementation, automated testing, deployment, production release, troubleshooting, and support; effective in Agile teams and complex cross-service environments.

TECHNICAL SKILLS

Languages & .NET: C#, .NET Core, Golang, Python, JavaScript, PHP, SQL
Integration & Architecture: Apache Kafka, event-driven architecture, REST APIs, microservices, distributed systems, Domain-Driven Design (DDD), object-oriented design, MVC, TCP integrations
Data: Entity Framework (EF) Code First, SQL, MySQL, PostgreSQL, MongoDB, data modeling
Cloud-Native & Delivery: Docker, Kubernetes, OpenShift, Git, AWS, automated testing, unit testing, integration testing, TDD, production support, deployment
Web & Ways of Working: React, Vue.js, Angular, Node.js, HTML, CSS, Agile, Scrum, Kanban, Jira, Confluence

PROFESSIONAL EXPERIENCE

Caesars Entertainment **April 2026 – Aug 2026**
Full Stack Software Engineer | Las Vegas, NV

- Developed and maintained distributed, domain-driven applications in an ecosystem of 300+ interconnected microservices, working across Java, Golang, and React services.
- Built and supported event-driven integrations with Apache Kafka, enabling reliable asynchronous communication and data flow across service boundaries.
- Traced REST requests, events, and data across hundreds of services to identify root causes and resolve complex production issues.
- Owned features across design, implementation, unit and integration testing, deployment, production release, and ongoing support.
- Used Kubernetes to inspect pods, services, deployments, logs, and workload health while troubleshooting incidents and verifying releases.
- Collaborated across business domains while preserving Domain-Driven Design boundaries, service ownership, and scalable architecture.

Consulting Services Group **Sep 2024 – Feb 2026**
Full Stack Software Developer | Las Vegas, NV

- Developed and maintained full-stack applications and integrations using .NET/C#, JavaScript, React, Vue.js, PHP, MySQL, Python, and ADB, including visual device-management and provisioning workflows.
- Applied object-oriented design and reusable application patterns to .NET/C# project work, supporting maintainable business logic and integration-focused development.
- Diagnosed customer-reported and production issues using application logs, debugging tools, and MySQL queries; delivered fixes or workarounds that restored functionality and minimized downtime.
- Provisioned applications with Docker and Kubernetes to provide consistent deployment environments and reduce release effort.
- Produced API specifications, technical documentation, and user/developer manuals to support maintainability, onboarding, and knowledge transfer.
- Managed end-to-end delivery through Scrum and Kanban in Jira and Confluence, including sprint planning, backlog prioritization, secure development, Git-based version control, and on-time release coordination.

Quantum Research International **May 2021 – Aug 2024**
Lead Full Stack Software Developer | Colorado Springs, CO

- Designed adaptable software architectures for scalability and maintainability and implemented automated tests to verify code reliability and functionality.
- Collaborated with R&D teams in an OpenShift microservices ecosystem, supporting integration, feature delivery, and maintainable distributed applications.
- Implemented Agile Scrum practices with the .NET team in Jira, enabling bi-weekly releases, faster defect turnaround, and more predictable feature delivery.
- Led development of a Flutter satellite-communications application and designed a TCP integration that automated modem configuration and signal acquisition for real-time video chat.
- Contributed to 18 Vue.js and React micro-applications integrated into one mission-planning platform, including plan-constraint validation for mission feasibility and safety.
- Built and deployed Python automation across two virtual machines to generate single or bulk client email accounts from CSV data, reducing manual provisioning effort.
- Refactored an existing Java application and delivered new features, improving maintainability and reducing reported defects.

Centauri / KBR **Dec 2019 – May 2021**
Full Stack Software Developer | Colorado Springs, CO

- Advanced object-oriented design practices in C# projects, reducing code duplication and improving maintainability as reflected in peer code reviews.
- Contributed across analysis, design, coding, testing, and deployment while delivering multiple features on schedule and to quality standards.
- Promoted Test-Driven Development and used QA automation suites to deliver reliable unit, integration, and end-to-end tests.
- Performed code reviews, static analysis, and pair programming to identify defects early and produce modular, reusable components.
- Developed and customized applications with React, React Native, Vue.js/Vuex, Angular, Bootstrap, and JavaScript to meet client requirements.
- Worked in Agile Scrum ceremonies and collaborated on estimation and code-review improvements, supporting two major on-time releases.

Aeva Specialty Pharmacy **Nov 2018 – Dec 2019**
Computer Programmer | Las Vegas, NV

- Engineered .NET Core applications in C# using MVC, SQL, HTML, CSS, and JavaScript to meet complex pharmacy business requirements.
- Designed systems and data models for collecting, storing, and managing patient prescription data, improving operational efficiency and data integrity.
- Implemented Entity Framework Code First with SQL and MySQL to support secure, reliable data access and database-backed application workflows.
- Applied software design principles and configured application environments for robust performance, maintainability, and future enhancement.
- Managed development from concept through deployment using Agile practices and Git, delivering functional applications on schedule with minimal supervision.

Anderson Business Advisors **Oct 2017 – Nov 2018**
Web Administrator | Las Vegas, NV

- Implemented and supported Salesforce integration with WordPress, connecting website workflows with the company's Salesforce environment.
- Administered and optimized WordPress sites, custom scripts, hosting, and databases; integrated third-party services and monitored performance and availability.
- Resolved downtime and technical issues and improved online visibility through SEO-focused content and page optimization.

LED Connection **Sept 2016 – Oct 2017**
Estimator | Las Vegas, NV

- Analyzed project designs, prepared cost estimates and bid proposals, coordinated materials and vendor quotes, and maintained project data in Excel using advanced formulas and macros.
- Provided technical support and collaborated with clients and team members on project objectives, budgets, and schedules.

David Saxe Productions **May 2016 – Sept 2016**
Web Developer | Las Vegas, NV

- Maintained and optimized multiple ColdFusion websites, diagnosed production issues, performed pre-launch QA, and delivered new features and content updates.
- Led migration of company websites from ColdFusion to PHP, modernizing the technology stack and improving maintainability.

EDUCATION

University of Phoenix, Arizona **2021**
Bachelor of Science, Information Technology

ITT Technical Institute, Nevada **2015**
Associate of Science, Software Development