

BRIAN RUSSELL

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PROFESSIONAL BACKGROUND

Mr. Russell has over 25 years of software architecture/development experience with analysis, design, and implementation of web-enabled multi-tier systems and data parsing/migration and management solutions. He has extensive experience as part of small and large teams following a well-defined software development lifecycle process. Mr. Russell works effectively across functional teams as well as leadership and business stakeholders.

Mr. Russell has excellent communication and organizational skills and has been involved in a wide range of activities in the development lifecycle. He has effectively learned and adapted to new tools and various computing environments enabling him to build quality solutions in a timely and efficient manner.

SELECTION OF RELEVANT EXPERIENCE

Architect/Lead Developer, Application Services and Data Processing/Migration

Mr. Russell architected and developed full end-to-end operations and support tools for retail loyalty for a Fortune 20 company. Provided support across teams for design and implementation of feature work as well as high-level architecture integration. Implemented and enhanced backend loyalty system for customer-facing point-of-sale integration.

Implemented backend microservice architecture to a variety of backend data stores, including Neo4j graph database, Cassandra, Oracle, SQL Server, and more. Wrote a real-time asynchronous transformation service to take "old-world" data and transform into a "new-world" style to allow for legacy systems and new systems to integrate appropriately with the new architecture.

Additional duties included lead code reviewer, requirements gathering, documentation, and mentorship across a 100+ person agile team.

Lead Architect, High-Performance Web and Content Management Applications

Mr. Russell was the Lead Architect on a new development initiative around building high-visibility customer-facing web applications for major Laboratory Services Provider. Built interactive dynamic UI for providing insights to interpret lab result data for patients and recommend new lab orders from these results. These were full lifecycle initiatives from business design sessions and requirements gathering to user story creation and implementation.

Architect / Lead for Electronic Medical Records Solution Provider

Mr. Russell implemented a clustered, multi-threaded messaging application for high-volume processing of a large volume of data. Managed application performance through a clustered quartz scheduling service and JMS queuing through Apache Camel. Assisted with performance tuning through the application and application server layers.

Industry Experience

- Retail, Grocery, Loyalty
- CPG, Order Fulfillment
- Medical / Health, EMR
- Auto/Homeowner Insurance
- Credit Card Issuance

Functional Expertise

- Solutions Architecture
- Cloud/CICD integration
- Agile Methodologies
- Data Modeling
- Business Requirements
- Profiling and performance-tuning



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SELECTION OF RELEVANT EXPERIENCE

Architect / Lead for Electronic Medical Records Solution Provider

Mr. Russell lead the development of several key components for an Electronic Medical Records solution. Mentored and lead a large high-performing agile development team, providing direction and mentorship. Worked heavily with dev ops for pipeline integration and deployments. Assisted in building out their infrastructure for deployments.

Solutions Architect / Designer / Developer for Large Global Organization

Mr. Russell led a team of developers in new product website initiatives to for a large global organization. These Transaction Learning Experience websites would promote a product for consumer ordering along with tracking customer behavior within the site. They gathered analytics that fed into a backend data store to create Heat Maps and site behavior reporting for the organization.

Designed and developed an IVR phone voice-response system for large provider of over-the-counter medicine using VOIP and SIPXPBX feeding into a backend data store. This tied into a national commercial campaign where they could get samples and take a survey via the phone.

Redesigned and enhanced a Beauty School Management application whereby the schools could order product and maintain student and school data. It provided a means for accumulating loyalty points and rewards for the schools to earn free product. Mr. Russell facilitated regular meetings to determine how to best redesign the application to meet the needs in terms of site effectiveness, performance, and PCI compliance.

Senior Application Developer on SAP Insurance Platform

Mr. Russell worked on a team to develop a large-scale home and auto claims reporting application backed by an SAP Insurance Platform. Designed and developed the import/export of client data using JCO integrations. Developed several web interfaces that allowed internal business users to obtain and visualize relevant insurance data.

Technology Expertise

Languages:

Java, C++, .Net, Javascript, Python, Perl, Bash, HTML, CSS, PL/SQL, CQL, Cypher, XML, YAML, etc.

Technologies:

Spring, Pivotal Cloud Foundry (PCF), Kubernetes, Harness, JMS, Kafka, MQTT, REST, Neo4j Graph DB, MySQL, Oracle, Cassandra, DB2, SQL Server, Hazelcast, Dynatrace, Maven, Gradle, Git, Github Integration, Unix/Linux, Apache, Tomcat, Weblogic, JBoss, Netty, etc.

Education/Certifications

- B.S. – MIS, Bowling Green State University
- Java Certification

