

SHARON JOY

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SUMMARY

Full Stack Developer with hands-on experience building scalable, secure, and resilient enterprise applications using cloud-native technologies. Skilled in .NET, microservices, and modern cloud platforms like AWS and Azure. Strong collaborator with a focus on clean architecture, automation, and agile delivery.

TECHNICAL SKILLS

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|----------------------------------|------------------------------|
| • .NET Core 8/6, 4.8/4.6/4.0/3.5 | • React/ Node JS/ Express JS |
| • C#, VB.NET | • AWS, Azure DevOps |
| • ASP.NET MVC | • REST/SOAP APIs |
| • WPF/WinForms | • Web/ Windows Services |
| • MS SQL Server 2008R2/2012/2014 | • JavaScript/AJAX/ HTML/CSS |
| • Oracle/ Mongo DB | • Silverlight |
| • EF Core | • PLSQL |
| • XML/JSON | • LINQ |
| • GIT/TFS | • Telerik/ DevExpress |
| • CI/ CD | • Splunk |
| • Visual Studio 2022/19/15/12 | • Coverity/ Veracode |
| • Docker | • Kafka |

EXPERIENCE

03/2025– Current

Senior Software Engineer

Client: Wells Fargo – Chandler, AZ

- Hands-on experience with domain-driven microservices, aligning business logic to bounded contexts to support maintainability and scalability in distributed systems.
- Contributed to building and maintaining service components within a service-oriented architecture, ensuring clear separation of concerns through REST APIs and asynchronous messaging.
- Worked with the Mediator pattern to manage communication between service components in a Domain-Driven Design setup, enabling loose coupling and simplifying internal interactions.
- Used Apache Kafka with Avro serialization and integrated Schema Registry to manage schema consistency across microservices, ensuring safe and versioned message exchange.
- Applied resiliency patterns using Polly, such as retries, circuit breakers, and timeouts, to enhance fault tolerance and reliability in distributed service environments.
- Used Hashi Corp Vault for managing secrets and certificates, supporting secure storage and controlling access to sensitive configuration data within microservices.
- Migrated deployment pipelines from Urban Code Deploy (UCD) to the cloud-native Harness platform, improving deployment efficiency and maintainability.

- Upgraded existing .NET Core applications to the latest framework versions, ensuring compatibility, performance, and security enhancements.
- Participated in the full software development lifecycle—including requirements analysis, design, development, testing—and contributed to daily Scrum meetings to align with evolving client needs.
- Developed Web APIs and involved in pre-testing using Postman.
- Collaborated closely with product, offshore team, and DevOps teams to modify CD pipelines.
- Mentored junior engineers and contributed to cross-team architectural discussions to improve resiliency and scalability.

Environments: .Net core 6/8, .Net 4.3/4.8, VS 2022, C#, Asp.Net, EF Core, Kafka, SQL, T-SQL, MongoDB, LINQ, JSON, XML, WCF, Rest API, Git, TFS, PCF, Splunk, Jenkins, Docker, Kubernetes, Harness, UCD etc.

10/2023 – 01/2025

Senior Dot Net Developer

Client: Arkansas Blue Cross and Blue Shield – Arkansas (Remote)

- Spearheaded the successful framework upgrade of existing core applications by collaborating with cross functional teams and DevOps.
- Developed multiple developer tools for business, improving team efficiency by 25% in each sprint.
- Addressed bottleneck issues in application improving 50 % performance on loading time.
- Extensive experience on back-end development and building APIs using .NET Core, MS SQL, Postman and Swagger tools.
- Performed SQL query performance tuning by creating indexes and updating joining conditions.
- Involved in analysis, design, and development and testing of the application and participated in Daily Stand – Up scrum Meetings for client requirements.
- Involved in developing the various UI pages using Blazor, JavaScript, jQuery, Bootstrap and HTML5, CSS3.
- Hands-on experience on developing dynamic UI components using Angular with two-way data binding, component-based architecture, and reactive forms.
- Handled user input and events for basic interactivity and two-way binding in Angular.
- Maintained and fixed production issues in legacy applications using VB.net and MS SQL.
- Creation and implementation of stored procedures and queries.
- Designed and developed Entity Framework Core code first approach and used RESTful services for communicating to the client side.
- Implemented JWT token-based authentication to secure ASP.NET Core Web API and provide authorization to different users.
- Implemented LINQ Query operations like grouping, ordering and filtering operations to access MS SQL databases.
- Designed and developed MongoDB schema and hands-on experience with building data models in MongoDB.
- Hands-on experience on developing CRUD operations using MongoDB and Express JS.
- Write complex queries in MongoDB to fetch data according to user needs.

- Implemented attribute-based CRUD actions like GET, POST, PUT and DELETE.
- Developed Web APIs and involved in pre-testing using Postman.
- Implemented AJAX controls for partial page updates and to decrease the response time on pages.
- Performed unit testing on every new version before sending it for User Acceptance Test.
- Designed and developed Crystal Reports using .net and MS SQL.
- Used Entity Framework Database First Approach for creating database Models.
- Extensively using LINQ, ADO.NET and T-SQL.
- Developed web applications in React and NodeJS.
- Designing and Developing Microservices and Web Services using Restful Services.
- Mentored interns and junior software developers through training, design reviews and code reviews.
- Performing Unit Testing, Integration Testing, Client and Server-side Validation, Sessions and Caching data to in-memory.

Environments: .Net core 3/8, .Net 4.3/4.8, VS 2019/22, C#, VB.Net, Asp.Net, Blazor, EF Core, SQL, T-SQL, LINQ, JSON, XML, Ajax, jQuery, Bootstrap, HTML, CSS, JavaScript, WCF, Rest API, Git, TFS, Azure DevOps etc.

08/2017 - 09/2023

Lead Developer/ Offshore Coordinator

Client: Verisk Analytics— Lehi, UT

- Developed full stack web/windows applications using C#, SQL in AWS cloud environment.
- Headed the development and maintenance of web services to integrate them with client sides to ensure seamless operation.
- Developed and maintained WPF application in cloud native environment.
- Implemented MVVM, MVP patterns with WPF applications.
- Developed and deployed AWS Lambda functions to support serverless application workflows triggered via API Gateway, SQS and S3 events.
- Used SQS with AWS Lambda for event-driven processing, ensuring automatic scaling and reduced operational overhead.
- Implemented RESTful endpoints using API Gateway, enabling route-based invocation of Lambda functions for dynamic processing.
- Designed Lambda functions to automatically trigger upon file uploads to S3 buckets, executing custom processing logic based on file type and metadata.
- Utilized Amazon CloudWatch for detailed logging, monitoring, and troubleshooting of Lambda executions and application behavior.
- Configured and managed routing and integration settings in AWS API Gateway, ensuring secure and efficient API operations.
- Hands-on experience with AWS DynamoDB for data persistence, including writing Lambda functions to perform real-time reads and writes to DynamoDB tables.
- Created and modified user interfaces using JavaScript, jQuery, CSS, Ajax, Bootstrap, and HTML.
- Experience in designing and developing enterprise web applications using .net and Oracle as back end.
- Experience of Oracle PL/SQL development including creating tables, views, functions,

optimizing queries, procedures and packages etc.

- Designed and developed scalable microservices using .net core to consume messages to Apache Kafka for real time event streaming and message driven architecture.
- Implemented SignalR communication with RabbitMQ which resulted in a huge amount of customer satisfaction.
- Worked with Kafka producers, consumers and very good conceptual ideas of event driven architecture.
- Reviewed and modified unit and integration tests to improve software quality and reliability.
- Participated in code review meetings, providing input on bugs, inefficiencies, and potential solutions to emergent issues.
- Led and coordinated a cross-functional team of developers to successfully deliver each sprint changes on time.
- Mentored interns and junior software developers through training, design reviews and code reviews.
- Worked with product owners, architects, and other stakeholders to come up with the priority for product backlogs.
- Coordinated with other teams, Director of Architecture, and Director of Engineering over significant code changes and architectural decisions. Identified dependencies and coordinated work.
- Demonstrated exceptional interpersonal and communication skills, improving team collaboration and customer relationships.
- Ensured that unit test code is effective, efficient, and improved these areas by working with automation team.
- Participated in planning meetings, retrospectives, daily stand ups, and other meetings as part of the software development process.

Environments: .Net core 3/6, .Net 4.3/4.8, VS 2019/22, C#, Asp.Net, WPF, Silverlight, Hibernate, SQL, T-SQL, LINQ, Rabbit MQ, Kafka, JSON, XML, Ajax, jQuery, Bootstrap, HTML, CSS, JavaScript, WCF, Rest API, Microservices, Telerik, TeamCity, Git, Jira, Bitbucket, Splunk, Dynatrace, Fiddler, AWS etc.

12/2014 - 08/2017

Senior Software Engineer

NeST Information Technologies Pvt Ltd – Kerala, India

- Worked closely with development team members to identify and remove software bugs.
- Designed front-end and back-end solutions for test-driven development.
- Developed object-oriented web applications using C# programming language.
- Modified existing software systems to enhance performance and add new features.
- Resolved customer issues by establishing workarounds and solutions to debug and create defect fixes.
- Performed DML, DDL operations as per the business requirement.
- Created and modified user interfaces using JavaScript, JQuery, CSS, Ajax, Bootstrap, and HTML.
- Created views and stored procedures for the business reports.
- Coordinated with project managers to meet development timelines and plan testing.
- Performed root cause analysis of problems, documented faults in tracking system and generated daily reports.
- Reviewed and modified unit and integration tests to improve software quality and reliability.

- Met with stakeholders, product teams and customers throughout system development lifecycle.
- Communicated with clients to understand system requirements.
- Led cross-functional teams in systems integration projects.
- Defined technical integration strategy and developed integration plans.
- Deployment of releases using automated deployment scripts.
- Provide post-deployment technical support for issues related to customer integration.

Environments: .Net 3.5/4/4.6, VS 2017/19, C#, VB.Net, Asp.Net, SQL, T-SQL, LINQ, XML, Ajax, jQuery, Bootstrap, HTML, CSS, JavaScript, WCF, Windows Services, TFS etc.

09/2010 - 06/2014

Software Engineer

Advanced Medical Information Solutions –Kerala, India

- Developed windows applications using .net C#.
- Created a custom tool to sync between database servers.
- Analyzed solutions and coding fixes for software problems.
- Coordinated with project managers to meet development timelines and plan testing.
- Conducted full lifecycle software development from planning to deployment and maintenance.
- Worked with leading health care physicians on building clinical solutions.
- Tackled development tasks based on system requirements and documented approaches.
- Data migration from previous client tools & systems

Environments: .Net 2/3.5, VS 2008/10, C#, WinForms, Asp.Net, SQL, T-SQL, XML, DevExpress, Ajax, jQuery, HTML, CSS, JavaScript, Windows Services etc.

SKILLS

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|-------------------------------------|----------------------------------|
| • Software Development | • Client relations |
| • Project management | • Staff training and mentoring |
| • Team building and leadership | • Root cause analysis |
| • Project development and lifecycle | • Coordination skills |
| • Performance improvements | • Excellent communication skills |
| • Resilience | • Collaboration |

EDUCATION AND TRAINING

Bachelor of Technology

Mahatma Gandhi University — Kerala, India

CERTIFICATIONS

- Full Stack Software Development – MERN Stack bootcamp
- AWS Cloud Practitioner
- ISTQB Foundation Level