

Marl Jonson

Martinez, CA | (925) 812-6907 | marl.jonson@comcast.net | [linkedin/marl-jonson](https://www.linkedin.com/in/marl-jonson) | [github/marljonson](https://github.com/marljonson) | marl.dev

EDUCATION

San Jose State University

Expected Graduation: May 2027

Bachelor of Science in Computer Science • GPA: 3.85

San Jose, CA

- **Coursework:** Data Structures & Algorithms, Object-Oriented Design, Computer Systems, Database Systems, Processing Big Data
- **Organizations:** Responsible Computing Club, Product Management Club, Software & Computer Engineering Society, Spartan Analytics

EXPERIENCE

Nevada National Security Sites

May 2026 – Aug. 2026

Software Engineering Intern

North Las Vegas, NV

- Built and maintained ASPNET Core and Blazor features using C# and EF Core for internal apps supporting mission-critical workflows
- Designed and optimized SQL Server queries and data models to improve query performance and ensure reliable data handling
- Integrated Azure App Services and Azure Storage for deployment and data handling in cloud-based production environments
- Collaborated in Agile sprints using Jira, communicating with senior engineers and mentors to deliver features and resolve issues

San Francisco Bay Area Rapid Transit District

Apr. 2025 – Apr. 2026

Product Management Intern

Oakland, CA

- Co-authored a proposal and presentation, winning the 2025 IYAI+ Innovation Challenge across 10 North American competition teams
- Developed Transiteers, a recruitment game introducing students to careers at BART, collaborating with cross-functional Agile teams
- Translated technical requirements into actionable, scalable implementation plans and process improvements for senior leadership
- Participated in career development sessions focused on infrastructure, public service, and transportation equity

SJSU Responsible Computing Club

Jun. 2025 – Mar. 2026

Software Engineering Ambassador

San Jose, CA

- Developed and deployed a full-stack web application using React, TypeScript, and backend APIs with version control via GitHub
- Implemented structured development workflows using Jira and Agile sprints to streamline feature releases
- Collaborated on UI/UX prototyping and system design documentation to ensure maintainable and scalable architecture

PROJECTS

Document Workflow Processing System (GitHub) | C#, ASPNET Core, Blazor, Azure App Services, Azure Storage, SQL Server, EF Core

- Built a document workflow system to upload, store, and track files through processing states using ASPNET Core and Blazor UI
- Designed SQL Server schema with EF Core to manage metadata, status transitions, and ensure reliable data flow across systems
- Integrated Azure App Services and Blob Storage for scalable deployment, secure file handling, and cloud-based processing
- Implemented validation, logging, and error handling to manage failed uploads and ensure system reliability in edge cases

AI-Assisted Membership Insights Platform (GitHub) | React, TypeScript, C#, ASPNET Core, Azure OpenAI, SQL Server, EF Core

- Built a full-stack web app to analyze membership data and generate insights using Azure OpenAI and ASPNET Core APIs
- Developed React UI for querying member records and visualizing trends, focusing on responsive and accessible design
- Integrated Azure OpenAI for summarization and query assistance, applying prompt engineering to improve accuracy and reduce noise
- Implemented backend services with C# and EF Core to process data, enforce validation, and support scalable cloud deployment

Membership Management API (GitHub) | Java, Spring Boot, REST APIs, SQL, JPA/Hibernate, Docker, Kubernetes

- Built RESTful APIs using Spring Boot to manage member records, supporting CRUD operations and validation logic
- Designed relational schemas and integrated JPA/Hibernate to handle data persistence and ensure consistent data flow
- Implemented input validation, error handling, and logging to improve API reliability and handle edge cases
- Containerized with Docker and deployed to Kubernetes, configuring pods and services for scalable API access

TECHNICAL SKILLS

Languages & Frameworks: C#, Java, Python, SQL, TypeScript | .NET, ASPNET Core, Blazor, React, Spring Boot, JPA/Hibernate, EF Core

Cloud & Tools: Microsoft Azure (App Services, Blob Storage, Azure OpenAI), Docker, Kubernetes, Git, REST APIs, Postman, Visual Studio

Concepts: Full-stack development, API design, database modeling, cloud deployment, system reliability, error handling, Agile development

Certifications: Microsoft Certified: Azure AI Cloud Developer Associate (AI-200)

Microsoft Certified: Azure Fundamentals (AZ-900)

Microsoft Certified: Azure Data Fundamentals (DP-900)

Microsoft 365 Certified: Fundamentals (MS-900)