SOMMER MOYA-MENDEZ

Software Engineer

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Software engineer with 5+ years of experience designing, developing, and improving applications, systems, and user-facing features. Skilled in applying core technical knowledge to enhance functionality, performance, and reliability. Collaborative team member who communicates clearly with technical and non-technical partners to identify requirements, follows engineering best practices, and contributes to delivering high-quality, maintainable code.

Technical Proficiency
- Programming Languages: JavaScript, TypeScript, HTML5, CSS3, SQL, T-SQL, C#
- Frameworks & Libraries: ASP.NET, .NET 6+, Angular, Node.js, jQuery, Bootstrap 4/5, MVC, OOP (Object-Oriented Programming), Jasmine, Karma, React (basic), Next.js (basic)
- APIs & Data Formats: RESTful APIs, APIs, JSON, AJAX
- Tools & Platforms: Git, GitHub, GitLab, Visual Studio, VS Code, Chrome Developer Tools, Docker, Microsoft SQL Server, Windows OS, Mac OS, Visio, Adobe Suite, Figma, SquareSpace, Microsoft Office Suite (Word, Excel, PowerPoint), Agile, Scrum, AI Tools

Core Competencies

Software Engineering | Frontend and Backend | Applications and Platforms | Agile and Scrum Methodologies | Coding and Testing
Programming and Debugging | Systems and Databases | CI/CD Pipelines and DevOps | UX Interface and Experience

PROFESSIONAL EXPERIENCE

Software Engineer | Learning.com –Remote   Apr 2022 – Nov 2025
- Designed, developed, and maintained full-stack features across databases, backend services, and front-end interfaces (admin, teacher, student) to streamline K–12 digital literacy instruction through customizable content, auto-graded tasks, and analytics.
- Developed algorithms for learning paths, built features for responsible AI education, and ensured integration with LMS and SIS.
- Resolved bugs across 25+ microservices, front-end players, a legacy monolith, 15 databases, and 3rd-party integrations, improving page load speeds by 20–40%, increasing classroom adoption, improving accessibility ratings, and reducing support tickets.
- Built accessible, WCAG-compliant UI components using modern Angular frameworks to enhance keyboard navigation.
- Wrote clean, scalable code across backend services, front-end UI, shared modules, utility pipelines, and reusable components.
- Conducted and participated in peer code reviews to maintain high engineering and quality standards.
- Worked with product managers, designers, and content teams, providing technical input during sprint planning and backlog grooming.
- Modernized legacy code by refactoring SQL queries, optimizing Angular change detection, adding API caching, indexing high-frequency SQL tables, and breaking oversized payloads into paginated endpoints.
- Used MCP to connect Microsoft Copilot with Jira, Codebase, and Confluence, to use agent mode and improve coding speed.
- Used FakeItEasy and Microsoft Visual Studio TestTools UnitTesting for testing.
- Developed .NET REST APIs for assignments, student progress, and administrative features.
- Authored SQL queries for dashboards and admin reporting, updated stored procedures, performed joins, indexing, and query tuning, and debugged production data issues using SQL/T-SQL in SSMS.
- Collaborated within Adobe Experience Manager (AEM) environments to implement content updates, troubleshoot presentation issues, and support component-based page development.

Junior MES Web Developer | Giti Tire –Richburg, SC   May 2021 – Mar 2022
- Developed MES solutions in Microsoft Visual Studio with Asp.Net MVC Framework and Development tools with SQL Management Studio Backend to increase quality, efficiency, and performance visibility.
- Created internal utility classes for MES logic, reusable UI components, SQL queries, stored procedures, and views for MES reporting, validation scripts, supporting scripts, and data tracking systems.
- Enhanced dashboard to handle shipping issues using ASP.NET MVC, SQL Server, JavaScript/jQuery, HTML/CSS, Visual Studio, and Visio.
- Troubleshot and resolved bugs presented by client by debugging through API and database tiers of application.

Web Developer | Freelance – Remote   Dec 2019 – May 2021
- Redesigned website on Squarespace platform for an Austin-based band to increase user interaction by adding new subscription service, built in ecommerce, custom fonts, and modern minimalistic design; implemented coding languages and server platforms.

Account Manager/CSR | PrintStarNow.com – San Diego, CA   Nov 2017 – Mar 2020
Digital Press | Dimaco Ltd, Carrollton, TX   Dec 2016 – Aug 2017
Production Coordinator | Oneil Data Systems – Dallas, TX   Aug 2015 – Nov 2016
Level 2 Operator – HP Indigos | Shutterfly, Inc – Fort Mill, SC   Oct 2013 – Aug 2015

EDUCATION

Bootcamp Certificate – UNCC   2021
Focused on HTML5, CSS3, JavaScript, JQuery, Bootstrap, NodeJS, MySQL, MongoDB, Express, Handlebars.js, and ReactJS.
Bachelor of Fine Arts, Commercial Photography – Winthrop University   2013