Gary Brenden

Omaha, NE 68127

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Detail-oriented software engineer with experience testing, troubleshooting, and improving systems built in C#, .NET, and TypeScript. I enjoy keeping projects running smoothly by validating features, analyzing issues, and collaborating with teams to deliver reliable, high-quality solutions.

Websites, Portfolios, Profiles

- in/gary-brenden
- github.com/coelor

SKILLS

- C# / .NET
- SQL
- Unity, PlayFab, Meta Quest SDK (OVR)
- Python
- TypeScript / JavaScript
- AWS (Amplify, Lambda, Cognito, S3, DynamoDB), REST APIs

Work history

Virtual Reality Software Engineer

University of Nebraska Medical Center - UNeTech   *February 2025 - Current*
Omaha, NE

- Helped modularize and extend the dialogue system architecture to support triggers, branching logic, and reusable components.
- Integrated PlayFab for real-time data logging, enabling stakeholders to view and analyze performance and usage data.
- Began development of an internal analytics dashboard using .NET and React to interface with the PlayFab API, enabling stakeholders to retrieve and visualize player data for QA and research purposes.
- Supported the motion capture team by facilitating mocap sessions, wearing suits for expert tracking, and coordinating test runs.
- Conducted ongoing playtesting and QA to validate simulation flow, interaction fidelity, and edge-case scenarios
- Collaborated closely with instructional designers and developers to align VR features with educational goals and technical constraints.

Support Technician

Encartele, Omaha, NE   *October 2024 - February 2025*

- Resolved 100+ client support tickets, ensuring timely resolution of hardware and networking issues.
- Configured routers and IP endpoints for secure VoIP systems used in correctional facilities.

- Collaborated with IT teams and ISPs to diagnose connectivity issues and deploy scalable network solutions.
- Managed equipment staging and testing for new installations to streamline field deployments.
- Designed visual presentations and training slides to support client onboarding and internal documentation.

Data Analyst Intern
Interpublic Group (IPG), Omaha, NE   *October 2022 - September 2024*

- Built and managed complex Excel data hierarchies to support financial and operational reporting.
- Developed and debugged SQL scripts for product data compliance and revenue tracking validation.
- Performed quality assurance testing on internal tools built with PowerApps, identifying bugs and UI flaws.
- Authored onboarding playbooks and documentation to standardize data workflows for global agency teams.
- Audited data entries in the Hyperion system to ensure compliance with naming and tracking standards.

Education

University of Nebraska at Omaha – Omaha, NE
Bachelor of Science in Computer Science May 2025

Metropolitan Community College - Omaha, NE
Associate of Science in Computer Science August 2022

CERTIFICATIONS

- Certified ScrumMaster (CSM) – Scrum Alliance (2025-2027)