Randall Long
Bridgeport, MI
231-360-8716
rlong.hails12135@gmail.com

I am a senior software engineer with **15+ years of hands-on experience** designing, building, and operating production systems, with deep expertise in **C# / .NET**, backend development, cloud architecture, and distributed systems. I'm most effective in senior individual contributor or technical lead roles where I remain highly hands-on while also shaping architecture, standards, and long-term technical direction.

My work often begins with ambiguous problems and ends with stable, maintainable systems in production. I'm comfortable clarifying requirements, evaluating trade-offs, and driving solutions from concept through deployment and ongoing operation. My background includes designing **cloud-native backend services**, REST and gRPC APIs, and service-oriented architectures on **AWS**, with a strong focus on reliability, performance, security, and cost-awareness.

In recent roles, I've served as both a hands-on engineer and a technical leader—writing production code daily while influencing architecture, reviewing designs, and mentoring other engineers. I have extensive experience with **.NET Core / C#**, **relational databases** (SQL Server, Postgres/Aurora), and **NoSQL systems** such as DynamoDB, along with containerized deployments and distributed system integration. I design systems with clear boundaries, durable interfaces, and realistic operational expectations.

I place a strong emphasis on **engineering quality and operational excellence**: clean, readable code; meaningful automated testing; predictable deployments; and robust logging and telemetry for monitoring and troubleshooting. I'm comfortable discussing system-level trade-offs around data consistency, availability, scalability, and long-term maintainability, and I favor solutions that remain understandable and supportable over time.

While I do not require people-management responsibilities, I enjoy mentoring and supporting other engineers through code reviews, design discussions, and technical collaboration. I work closely with product and design partners to translate business needs into well-scoped, executable technical solutions, and I value delivery practices that balance speed with correctness.

I am seeking a senior-level role where I can contribute as a strong individual developer while also providing architectural guidance and technical leadership—helping teams build reliable systems and improve overall software quality.