

# Nathan Rhodes

## Application for Mid-Level .NET Developer

📞 (408) 555-0187

✉️ nathan.rhodes.dev@example.com

🌐 <https://linkedin.com/example/nathanrhodes>

📍 San Jose, CA 95113

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Hiring Manager  
Vertex Harbor Technologies  
Fremont, California

Dear Hiring Manager,

I am applying for the Mid-Level .NET Developer position at Vertex Harbor Technologies. I have four years of experience building enterprise applications with C#, ASP.NET Core, .NET 8, Entity Framework Core, Angular, and TypeScript. My recent work has focused on turning product requirements into dependable APIs and services that are straightforward to test, release, and support.

In my current role, I help deliver a .NET 8 order-management platform from initial requirements through production deployment. I decomposed order and notification functions into independently deployable ASP.NET Core services, which made releases easier to isolate and helped the team trace failures more quickly. I also built JWT-protected REST APIs using dependency injection, middleware, async/await, LINQ, and Entity Framework Core, then worked with QA and DevOps to document retry behavior and deployment procedures.

I have practical experience with the performance and integration concerns that come with distributed systems. For frequently requested customer and inventory data, I introduced Redis caching with targeted invalidation rules so cached responses did not outlive important SQL Server changes. In another role, I reviewed execution plans and application traces to improve joins, indexes, stored procedures, and asynchronous data access across SQL Server and PostgreSQL. I have also built Kafka producers and consumers, including structured logging and dead-letter troubleshooting for failed events.

The role's combination of backend services, Angular development, database work, and onsite collaboration fits how I work best. I contribute through focused code reviews, automated tests, production debugging, and clear communication with product owners, QA, DevOps, and other developers. I would welcome the opportunity to discuss how I could contribute to Vertex Harbor Technologies' enterprise applications.

Thank you for your consideration.

Sincerely,

*Nathan Rhodes*

**Nathan Rhodes**