

Hari Chintha

Senior Software Engineer · Coppell, TX

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Summary

Senior .NET engineer with 11+ years building and modernizing enterprise systems in C# across .NET Framework, .NET Core, and the latest .NET releases. Deep experience with ASP.NET Web API, EF Core/Dapper, CQRS, and WCF, backed by SQL Server, on both Windows (WPF, Windows Services) and web platforms. Recent focus on cloud native .NET workloads on Azure, including AKS, Azure SQL, Key Vault, and Azure DevOps, plus event driven architectures using Kafka. Comfortable owning a .NET service end to end: API design, performance tuning, test coverage, and CI/CD.

Experience

Wolters Kluwer · Professional information services

Senior Product Software Engineer (C# .Net) · Coppell, TX · Mar 2023 to Present

- Designed RESTful APIs in C# and .NET Core using the CQRS pattern with EF Core and Dapper, and exposed high throughput internal services over gRPC for low latency service to service communication.
- Led the upgrade of the enterprise applications from .NET 8 to .NET 10, validating breaking changes and updating NuGet dependencies, and rolled out the migration across services with minimal downtime.
- Built an Angular 16 UI integrated with JWT secured APIs, implementing interceptors and state management alongside synthetic testing through Datadog.
- Improved API performance by 35% through caching, SQL tuning, and profiling, while collaborating with the data engineering team to build an event driven architecture that decoupled services using Kafka topics.
- Integrated Kafka with Redis and MongoDB for hybrid caching and historical data storage, and achieved 85% code coverage with NUnit and MSTest while maintaining CI/CD pipelines through Azure DevOps.
- Led integration efforts with third party identity providers for RBAC systems and established Swagger documentation to streamline onboarding for new developers.
- Applied event sourcing for auditable billing and licensing history, and introduced an API gateway in front of the microservices to centralize routing, authentication, and rate limiting.
- Partnered with QA to implement automated regression tests that reduced bug rates by 25%, and served as Scrum Lead and Release Lead on alternating sprints, facilitating daily stand ups, sprint planning, and coordinating release cycles.
- Adopted AI coding assistants including GitHub Copilot, Claude, and Devin CLI into the daily workflow, using them for code generation, refactoring, PR review, and test scaffolding to speed up delivery across the team.
- Evaluated and piloted Windsurf as an AI assisted IDE for larger refactors, and documented internal best practices for prompting and reviewing AI generated code before merge.
- Used Devin CLI to autonomously handle routine tickets such as dependency bumps, small bug fixes, and boilerplate service scaffolding, freeing the team to focus on higher value architecture work.
- Extended the gRPC and Kafka based backbone to a new billing microservice, defining protobuf contracts for internal calls and Kafka topics for downstream event consumers across the platform.

Deloitte (PA State Dept. of Human Services) · Consulting · Government

Senior Software Engineer (C# .Net) · Remote · Oct 2022 to Mar 2023

- Refactored monolithic legacy systems into domain driven microservices using C# and .NET Core, migrating the system to modular .NET Core Web APIs and an Angular SPA to improve agility and deployment speed.

- Applied CQRS to separate read/write operations and developed stateless services to support horizontal scaling and cloud native deployment, improving overall service maintainability.
- Built Angular components with NgRx and REST integration while running CI/CD pipelines with Docker, Jenkins, and TeamCity.
- Integrated synthetic monitoring and caching to improve responsiveness, improving application load time by 30% through optimized Angular lazy loading modules.
- Wrote API integration tests in C# covering business critical workflows to ensure reliability across services, while implementing centralized logging and exception handling with Datadog and custom middleware to improve observability and debugging efficiency.
- Practiced test driven development for new microservices, writing failing unit tests first with xUnit and MSTest before implementation to keep coverage high and catch regressions early.
- Evaluated native AOT compilation on .NET 8 for latency sensitive services, trimming startup time and memory footprint for containers running in the state agency's constrained environment.
- Documented architecture decisions and migration runbooks for the state agency's engineering team, supporting knowledge transfer as the modernization effort continued after the engagement.

Axxess · Healthcare software

Senior Software Engineer (C# .Net) · Dallas, TX · Aug 2019 to Oct 2022

- Built scheduling, billing, and claims systems used by millions of patients, rewriting legacy VB.NET modules into C# microservices on .NET Core and Angular along the way.
- Used Kafka to decouple services and improve scalability, developing Kafka producers and consumers to handle high message volumes while building physician portals and claim submission features that included PDF generation and API integration.
- Built internal tools to repair data and support production fixes, and helped redesign modules to meet FHIR standards while mentoring junior developers and reviewing their code.
- Worked with product managers and clients to clarify requirements and used Azure DevOps for pipelines and deployments, managing secrets with Azure Key Vault and connecting services to Azure SQL.
- Deployed services to AKS and configured UAMI (user assigned managed identity) authentication, participating regularly in sprint planning and retrospectives.
- Contributed to on call rotations supporting production scheduling and billing systems, triaging incidents and driving root cause fixes to reduce repeat issues.

LA State Dept. of Culture, Recreation & Tourism · Government

Application Programmer II (C# .Net) · Baton Rouge, LA · May 2017 to Aug 2019

- Developed C# and .NET Core applications supporting employee access, scheduling, and services, while refactoring legacy .NET Framework modules into .NET Core to improve maintainability and deployment cycles.
- Developed and supported Windows applications and Windows Services in C#, improving SQL queries and data access for better performance.
- Collaborated with stakeholders on user centric UI designs and generated monthly usage analytics reports using SQL Server Reporting Services (SSRS).
- Improved page load times by optimizing static assets and implementing caching headers, and collaborated with QA to build test cases using Selenium and MSTest for automated regression testing.

Accolite · IT services

Junior Software Engineer · Hyderabad, India · May 2014 to Nov 2015

- Assisted in building and testing .NET based APIs and front ends using C# as the primary language, supporting CRUD operations, EF queries, and bug fixes under senior developer guidance.
- Gained hands on experience with the Agile development lifecycle, participating in sprint planning, stand ups, and retrospectives.

Projects

Cricket Stats Web API · REST API for historical cricket statistics · github.com/hari-chintha/DailyClass.Cricket

Developed a RESTful Web API in C# and .NET Core serving historical cricket statistics, including player records, match outcomes, and team performance, built to support real world API teaching scenarios for new graduates.

- Implemented structured routing, model validation, filtering, sorting, and error handling, while integrating Entity Framework Core for database operations.
- Designed for extensibility using clean architecture and the repository pattern, and used the project in live mentoring sessions to teach API fundamentals and backend engineering.

Stack

Languages: C#, VB.NET, T-SQL, PL/SQL, TypeScript, JavaScript

Frameworks: .NET Core, ASP.NET MVC, Web API, WCF, Entity Framework, Dapper, LINQ

Frontend: Angular, React, HTML5, CSS3, Bootstrap, AJAX, JSON

Databases: SQL Server, MongoDB, MySQL, Redis, DocumentDB, OpenSearch

Cloud: Microsoft Azure (AKS, Azure SQL, Key Vault, Azure Functions), AWS (EC2, S3, SQS, Lambda, API Gateway, DynamoDB)

DevOps: Azure DevOps, TeamCity, Jenkins, Octopus Deploy, Docker, Kubernetes, ArgoCD

Monitoring: Datadog, Grafana, Kibana

Testing: NUnit, MSTest, xUnit, Selenium, Cucumber

Tools: Git, GitHub, Bitbucket, Azure Boards, Jira, Visual Studio, VS Code

AI Tools: GitHub Copilot, Claude, Devin CLI, Windsurf, Cursor, ChatGPT

Education

M.S. in Computer Science, University of Central Missouri, Warrensburg, MO, 2017

Relevant coursework: Distributed Systems, Software Engineering