

# Hari Dinesh Krishnamurthy

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## Technical Experience Summary:

- Over 5 years of experience developing scalable and maintainable **applications** using .NET frameworks.
- Expertise in **C# .NET core, SQL Server, RESTful APIs**, and front-end technologies (**JavaScript, React, HTML, CSS**).
- Strong background in **relational database design, stored procedures**, and **performance optimization**.
- Experience in UI/UX design principles, building intuitive and **responsive web interfaces**.
- Skilled in **CI/CD** pipelines with **Azure DevOps**, cloud **deployments** (Azure), and containerization (**Docker, Kubernetes**).
- **Microsoft Certified: Azure AI Engineer Associate**.
- Adept at collaborating with **cross-functional teams** to design and implement scalable solutions while ensuring high-quality deliverables.

## Professional Experience:

### Novac technologies

November 2024 – July 2025

#### Senior Software Engineer

Burlington, ON (Remote)

- Developed and optimized **.NET Core** applications for enterprise clients, focusing on performance and scalability.
- Built and integrated **RESTful APIs**, enabling seamless communication between **client-side** Angular components and **server-side services** with proper **data validations** and **bindings**.
- Collaborated with client teams to **troubleshoot, debug**, and enhance existing applications.
- Developed an invoice processing solution using Azure AI services, leveraging OCR and invoice recognition capabilities to automate data extraction and validation, improving accuracy and processing speed

### Clevr

December 2022 – March 2024

#### Senior Software Engineer (R & D) | Education domain

Mississauga, Canada

- Designed and developed **SaaS-based** backend solutions using **C#, .NET Core**, and **SQL Server** implementing MVC architecture.
- Independently designed and developed intuitive **Angular frontend components**, applying UI/UX principles
- Created and optimized **SQL queries**, stored procedures, and indexes to improve database performance.
- Automated deployment pipelines using **Azure DevOps** for faster, more **reliable releases**.
- Managed cloud infrastructure on **Azure using Terraform** with provision for **Autoscaling** and **on-demand configuration** using Azure app services, Key vault, Azure VM, Storage containers, Azure SQL database.
- Introduced proactive system **monitoring** and performance tuning using **New Relic**.
- Implemented unit tests for backend services using NUnit framework in .NET Core, ensuring code reliability and reducing production defects.
- Conducted peer code reviews to maintain coding standards, improve quality, and share best practices across the team.

### Agilysys Technologies

December 2020 – December 2021

#### Senior Software Analyst (R & D) | Hospitality domain

Chennai, India

- Designed and implemented enterprise back-end solutions with .NET Core, ensuring scalability and maintainability.
- Deployed the API as **Microservices** using **Docker** (multi stage) and **AKS**, integrated with Azure cloud services.

- Developed Angular-based frontend screens (SPA), integrating API calls to ensure seamless data flow between client and server.
- Implemented **database indexing and query tuning** to support real-time reservation and housekeeping.
- Created **SQL scripts** for **data migration** and **integration** with IoT-enabled devices in the **PMS** system.
- Conducted **load** and **performance testing** using **JMeter** to ensure high system reliability.

#### Wipro Technologies

April 2015 – December 2020

#### Software Engineer | Insurance domain

Chennai, India

- Developed and maintained business-critical **.NET Core** and **MVC** applications with optimized database back-ends.
- **Integrated APIs** with **third-party systems**, ensuring data consistency and security.
- Designed and developed **SQL database schemas** aligned with business needs.
- Led the development of automated test suites using **Selenium** and **C#**, enhancing **regression testing** efficiency.
- Resolved production issues by implementing improved **logging**, **monitoring**, and **database tuning** techniques.
- Followed the **Agile scrum practices** to promote a quality delivery, teamwork and communication.

## Education Summary:

#### Humber College

January 2022 – December 2022

Ontario graduate certificate in Web development

Toronto, Canada

#### Anna University

August 2010 – March 2014

Bachelors in Electrical and Electronics Engineering

Chennai, India

## Certifications:

- Microsoft Certified: Azure AI Engineer Associate

## Skills:

<b>Coding Languages</b>	C#, HTML, CSS, Javascript, SQL, NoSQL, Powershell, Python, Json, XML
<b>Frameworks &amp; Libraries</b>	.NET Core, WebApi, MVC, REST Api, Entity framework core, Dapper, LINQ, SOLID, Repository design pattern, Web services, Fluent validations, Node, React, Angular, Microservices, Distributed systems, RabbitMQ, GIT, Nunit, Selenium, Test automation, TDD
<b>Tools</b>	Visual studio, VS code, SQL server, PostgreSQL, New Relic, Postman, Swagger, Azure DevOps, TFS, Figma, Atlassian Confluence, Github Copilot, ChatGPT
<b>Cloud technologies</b>	Azure, Docker, AKS, Azure functions, Terraform, Windows server configurations, IIS
<b>Other interests</b>	Process automation, AI integration, Soccer, Music production

## Personal Projects:

Title (Url)	Description
<a href="#">Movie genie</a>	A webapp built using React JS framework which allows us to search movies based on genre and imdb ratings
<a href="#">Simon game</a>	A game built using HTML, CSS and vanilla javascript to test your memory

