

# HARIVIGNESH G

Software Engineer – ASP.NET Core – Web API – MS SQL Server

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## PROFESSIONAL SUMMARY

Software Engineer with approximately 1 year of experience building and supporting live ERP and inventory systems using ASP.NET Core, Web API, and MS SQL Server. Proven experience migrating Excel-based and legacy PHP workflows into scalable enterprise applications, reducing manual effort by up to 70%. Strong contributor in backend development, database optimization, production releases, and live system support.

## EDUCATION

<b>B.Tech. in Information Technology – CGPA: 8.71/10</b>	May 2024
<i>Mahendra Engineering College, Salem, India</i>	
<b>HSSLC – Percentage: 63.5%</b>	March 2020
<i>S.R.K. Matriculation Higher Secondary School, Salem, India</i>	
<b>SSLC – Percentage: 86%</b>	March 2018
<i>Shri Swamy Matriculation Higher Secondary School, Salem, India</i>	

## TECHNICAL SKILLS

<b>Backend:</b> C#, ASP.NET Core, ASP.NET Core Web API, Razor Pages, ADO.NET, LINQ
<b>Architecture:</b> Clean Architecture, Dependency Injection, Repository Pattern
<b>Database:</b> MS SQL Server, MySQL, T-SQL, Stored Procedures, Query Optimization
<b>Frontend:</b> HTML5, CSS3, JavaScript, Bootstrap 5, jQuery, AJAX
<b>Tools:</b> Visual Studio 2022, GitHub, TFS, Postman, Redmine (Agile)

## PROFESSIONAL EXPERIENCE

<b>Software Engineer</b>	Nov 2024 – 31 Dec 2025
<i>SV Aurora Innovations Pvt Ltd</i>	
– Built and supported a live ERP and HSRP manufacturing system used daily by production and office teams.	
– Developed Inventory, Production, Inspection, Dispatch, and Reporting modules, replacing Excel-based workflows and improving operational efficiency by 60–70%.	
– Migrated Excel-based manual tracking into a centralized ERP platform, significantly improving data accuracy and traceability.	
– Assisted in migrating a legacy PHP-based HSRP portal to ASP.NET Core, improving maintainability and system stability.	
– Delivered 15+ production releases implementing enhancements, validations, and bug fixes based on user feedback.	
– Designed and optimized MS SQL Server tables and stored procedures to support real-time production and reporting workloads.	

## PROJECTS

<b>SV Aurora ERP &amp; HSRP Production System</b>
– Designed and developed a production-grade ERP system supporting end-to-end HSRP manufacturing workflows.
– Implemented Inventory, Production, Inspection, and Dispatch modules, eliminating Excel-based operations.
– Deployed a live, company-wide system used daily by production and office teams.
<b>CloudHiTech Inventory &amp; Project Costing System</b>
– Built an inventory and project costing system managing PO, MRN, Stock, DPR, and site-wise tracking.
– Migrated manual tracking into a centralized platform, reducing reconciliation effort by 50%+.
– Optimized MS SQL Server tables and stored procedures for frequent transactional updates.