

# HARIVIGNESH G

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

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## PROFESSIONAL SUMMARY

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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

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<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

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**Backend:** C#, ASP.NET Core, ASP.NET Core Web API, Razor Pages, ADO.NET, LINQ

**Architecture:** Clean Architecture, Dependency Injection, Repository Pattern

**Database:** MS SQL Server, MySQL, T-SQL, Stored Procedures, Query Optimization

**Frontend:** HTML5, CSS3, JavaScript, Bootstrap 5, jQuery, AJAX

**Tools:** Visual Studio 2022, GitHub, TFS, Postman, Redmine (Agile)

## PROFESSIONAL EXPERIENCE

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<b>Software Engineer</b>	Nov 2024 – 31 Dec 2025
<i>SV Aurora Innovations Pvt Ltd</i>	
<ul style="list-style-type: none"><li>– Built and supported a live ERP and HSRP manufacturing system used daily by production and office teams.</li><li>– Developed Inventory, Production, Inspection, Dispatch, and Reporting modules, replacing Excel-based workflows and improving operational efficiency by 60–70%.</li><li>– Migrated Excel-based manual tracking into a centralized ERP platform, significantly improving data accuracy and traceability.</li><li>– Assisted in migrating a legacy PHP-based HSRP portal to ASP.NET Core, improving maintainability and system stability.</li><li>– Delivered 15+ production releases implementing enhancements, validations, and bug fixes based on user feedback.</li><li>– Designed and optimized MS SQL Server tables and stored procedures to support real-time production and reporting workloads.</li></ul>	

## PROJECTS

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### SV Aurora ERP & HSRP Production System

- 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.

### CloudHiTech Inventory & Project Costing System

- 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.