

VIGNESH R

DOT NET DEVELOPER

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SUMMARY

- Dot NET Developer with over 2 year of experience in designing, developing, and maintaining web and Windows-based applications using Microsoft technologies.
 - Proficient in ASP.NET MVC, ASP.NET Core Web API, C#, ADO.NET, Entity Framework Core, LINQ and SQL Server, with a strong focus on building scalable backend logic.
 - Adept at creating responsive, user-friendly front-end interfaces using HTML, CSS, JavaScript, jQuery, Bootstrap and React JS. Known for writing maintainable code, collaborating effectively in team environments, and consistently meeting project deadlines.
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TECHNICAL SKILLS

- Platform : Window OS
 - Language : C# .Net
 - Web Technologies : HTML,CSS,Javascript and React JS.
 - Dot Net Technologies : Dot Net Framework ,Win Form , ADO .Net, .Net core web API,EF core
 - Database : Microsoft SQL
 - Web Server : Internet Information Server (IIS)
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PROJECT SUMMARY

ESS Matrix,Chennai,India
Full Stack Developer

Key Achievements & Responsibilities:

- Developed UI and backend for Windows & Web apps, reducing development time by 25% with reusable components.
- Built barcode generation, dispatch tracking, and automated quality control, improving logistics accuracy by 35% and reducing errors by 20%.
- Managed asset lifecycle with RFID mapping & Excel uploads, boosting tracking efficiency by 30%.
- Implemented fingerprint authentication, session auto-lock, and license validation, enhancing security by 40% and preventing unauthorized installations.
- Implemented fingerprint-based authentication and auto-lock for inactive sessions, enhancing system security by 40%.
- Created RDLC reports and optimized ADO.NET & SQL Server operations, reducing manual work by 60% and improving data speed by 15%.

NACHI – Warehouse Management System

March 2025- Present

- Developed a React.js frontend integrated with ASP.NET Core Web API backend secured using JWT authentication.
- Implemented role-based access control and optimized API performance for large-scale inventory and shipment tracking.

Technologies/Tools:

React.js, ASP.NET Core Web API, C#, Entity Framework Core, JWT, SQL Server.

TDCONNEX-(Charger Component Manufacturer) :

Nov 2024 - Feb 2025

- Developed a Windows and Web-based system to manage the complete manufacturing lifecycle of iPhone charger components. The application supported barcode generation, OQC quality checks, and product dispatch tracking.
- Reduced production errors by 20% through automated quality control workflows.

Technologies/Tools:

C#, ASP.NET MVC, WinForms, ADO.NET, SQL Server, HTML, CSS, JavaScript, jQuery, Visual Studio.

Kiosk-(Employee Monitoring System) :

July 2024 - Oct 2024

- Developed a Windows-based application to monitor employee activity using fingerprint authentication and inactivity tracking. The system included advanced licensing and security features to prevent unauthorized use and distribution.
- Strengthened software security by 40% using hardware-based locking.

Technologies/Tools:

C#, WinForms, ADO.NET, SQL Server, RDLC, Fingerprint SDK, Visual Studio.

AFAQY -(Asset Management System) :

Feb 2024 - July 2024

- Delivered a web-based system to manage asset lifecycle operations including asset creation, bulk Excel uploads, RFID mapping, assignment to users, and real-time asset status tracking and reporting.
- Improved asset tracking efficiency by 30% across departments.

Technologies/Tools:

C#, ASP.NET MVC, ADO.NET, SQL Server, JavaScript, jQuery, Excel Import.

CERTIFICATIONS

- Dot Net Developer and MySQL Course - Besant Technologies, Chennai

EDUCATION

Bachelor of Science in Physics | AVC College (Autonomous), Mayiladuthurai

Graduated: April 2023 | Score: 70%