



MOHANARAGAM E.R

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Skills

- ASP.NET Core MVC
- ASP.NET Web API
- VB6
- VB.NET
- Dapper
- SQL Server 2005,2012,219
- MS Access
- MySql
- Crystal Reports 7,8.5,XI R2
- jQuery
- Bootstrap 4 & 5
- Tabulator
- DataTables
- Telerik
- GitHub Copilot
- Claude AI
- Problem Solving

Education

B.E., Computer Science and Engineering ,Mepco Schlenk Engineering College, Madurai Kamaraj University, (59.5%)

XII Std.,Sengunthar Mahajana HSS,India (87%)

X Std.,Sengunthar Mahajana HSS, India (68.8%)

Awards & Promotions

- 2024 — Best IT Support for MES
- 2022 — Best Sr. Software Developer Award
- 2019 — Dedicated Appointment, ERP Head, Indoshell Group
- 2017 — Promoted to Sr. Full Stack Developer
- 2014 — Best Team Supporter
- 2012 — Promoted to Sr. Software Developer
- 2010 — Best Developer Award
- 2008 — Best Developer Award

Summary

Accomplished Senior Full-Stack Developer with over 15 years of experience in full SDLC delivery, specializing in VB.NET, ASP.NET Core, and SQL Server. Proven ability to migrate legacy systems to modern .NET Core, modernize applications, and develop AI-assisted workflows. Expertise includes database management, API development, and frontend implementation with Bootstrap. Eager to leverage comprehensive development skills and experience in building robust solutions to contribute innovative projects.

Work Experience

Sr. Software Engineer (Full Stack), Indoshell Mould Ltd, Coimbatore, India

12/2019 – PRESENT

- Led the cloud migration of the ERP and SQL Server for the casting manufacturing ERP suite, migrating desktop-based systems to a dedicated Windows cloud host.
- Managed a mission-critical database layer comprising over 900 stored procedures and views, alongside 100 triggers.
- Delivered a full Software Development Life Cycle (SDLC) Human Resource Management System (HRMS) developed in-house using VS2012, C#, .NET 3.5/4, and SQL Server 2012, which enhanced HR productivity and reduced associated costs; also installed and maintained the HRMS for the external client, SAM TURBO INDUSTRY PVT LTD.
- Engineered a custom, end-to-end face recognition attendance system, including an Android application (Android Studio and face recognition SDK), an ASP.NET Core API for employee face synchronization, and automated multi-plant, multi-machine attendance syncing upon every profile update.
- Established and directed a data entry team responsible for gate, inventory, sales, purchase, and quality control (QC) operations, ensuring comprehensive online data capture and maintenance for all plant operations.
- Developed a live management dashboard utilizing VS2019, ASP.NET Core MVC and Web API, JWT, and Bootstrap 4, providing insights into plant-wide EBITDA, cost analysis, warehouse/inventory reporting, sales and production figures, and QC rejection rates.
- Integrated GitHub Copilot and Claude AI within VS2022 to accelerate development cycles and optimize Bootstrap 5 UI design.

Sr. Software Engineer, J-Technology India Ltd (Indoshell Group), Coimbatore, India

05/2006 – 11/2019

- Developed and maintained the on-premises casting manufacturing ERP (inventory) using VB6 and Crystal Reports 8.5, in close collaboration with the in-house team on SQL Server 2005.
- Managed the complete SDLC delivery for the Production, Assembly, Quality Control (QC), and QC Lab Calibration modules.
- Supported a U.S.-based project by developing Crystal Reports in ASP.NET and building a Hospital Management CRUD system with Telerik controls, SQL Server 2008, and SVN version control in VS2012.
- Completed the SDLC for a textile export client, delivering a modern desktop application featuring customized grids and input controls, Crystal Reports XI, SQL Server 2008, and VS2012, deployed on-premises.
- Organized the 2017 GST upgrade, integrating GST calculations and accounting postings, and generating e-invoices and e-way bills without direct API support.
- Following the 2017 upgrade, assumed dedicated responsibility for developing and maintaining the Indoshell Mould Ltd ERP.

Junior Developer, Abi's Software Private Ltd, Erode, India

02/2005 – 04/2006

- Developed and maintained Point of Sale (POS) supermarket and textile inventory systems using VB6 and Crystal Reports 7, deployed on-premises with SQL Server 2000 and MS Access.

Junior Developer, Max System, Erode, India

01/2004 – 01/2005

- Developed and maintained Point of Sale (POS) desktop/inventory applications using VB6 and Crystal Reports 7, deployed on-premises with SQL Server 2000 and MS Access.