VELMURUGAN K

FULL STACK DEVELOPER

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- 6 years of experience in analyzing, designing, developing, and deploying web-based applications.
- 6 years of experience in .NET.
- 4 years of experience in AWS Server, Installation, Deployment and Server Management.

Experience

● ACCOMPLISHMENTS

- Interacted with the clients to understand the functionalities
- Adding new modules in web forms for legacy application.
- Testing as a developer side using test Database (Unit-Testing).
- Finding the root cause of the issue which helps the team
- Developed and implemented innovative solutions to address identified root causes.
- Played a key role in identifying and resolving complex issues within the team.
- Solving the issues by rebuilding the form as per client new requirements.
- Hosting the application in the live client server.

● Knila IT Solutions India Pvt. Ltd   Feb 2023 - Mar 2024

Project Name: FAPS (Payment Gateway)

Technology: .NET CORE Rest API, GraphQL API, C#, MS SQL 2018, Angular,TypeScript, JavaScript,Bootstrap and Azure Dev Ops (CI & CD).

Role : Full Stack Developer

Team Size: 30

Description:

- Implemented email and SMS form for merchants to send payment links via email or SMS to customers using TypeScript and Angular Reactive Forms.
- Successfully fixed a bug where the payment link view report was not showing in the popup modal.
- Implemented GraphQL API for storing email and SMS content data into an SQL table.
- Successfully updated the old Customer Details page to the new Customer Details page with additional fields in the Customer Vault Module.
- Implemented validation alerts for additional customer fields using TypeScript and Angular.
- Implemented product category options in the virtual terminal using TypeScript, Angular, and REST API.
- Successfully optimized the customer list page by moving from client-side rendering to server-side rendering, resolving slowness issues and improved speed 50% using TypeScript, Angular, GraphQL API, and SQL.
- Implemented report view permission options for administrators using TypeScript and Angular. Implemented mobile responsiveness for all report pages. Successfully fixed a bug where exporting to Excel was not working when using search filters in the customer vault.

● **MonitPro Solutions Pvt. Ltd**   **Jan 2020 - Jan 2023**

Project Name: COA (Certificate of Analysis)

Technology: ASP.NET MVC , C#, MS SQL 2012, JavaScript, jQuery, AJAX, HTML, CSS, Bootstrap and AWS Cloud Server.

Role : Software Developer

Team Size: 5

Description:

- Developed a new project COA (Certificate of Analysis) using ASP.NET MVC.
- Developed an ASP.NET MVC application for The project involves the creation of a full report cycle, exporting the product details and customer details, updating the analytics and information on product quality, and generating certificates for the customer products.
- Implemented a PDF Certificate using iTextSharp via installed npm packages.
- Developed all UI pages using Bootstrap.
- Implemented an Excel report for product export list and history.
- Implemented Dashboard charts using C3 chart for analyzing products status.
- Implemented a filter for searching certificate records based on date and product.
- Implemented email to send mail to the manager using an SMTP server, with Outlook.com as the provider and Port 587.

● **Mapol Business Solutions Pvt. Ltd**   **Jun 2018 - Feb 2019**

Project Name: ICSA GROUP TRANSPORT

Technology: ASP.NET Web Form, C#, SQL Server 2008, jQuery, Bootstrap, and AWS Cloud Server.

Role : Software Developer

Team Size: 11

Description:

- ICSA GROUP is a web application to maintain all the activities of ICSA GROUP such as transport details, vehicle details, goods details, trip details, accounts details and employee details etc.
- It is capable of handling multiple transports with multiple maintenance for a wide range of Services and transport. This is an end-to-end software to maintain the transport details from Management to till convocation and each phase having varies stages.

● **Oculus Technologies**   **Jun 2017 - May 2018**

Project Name: DEPARTMENT STORE

Technology: C#.NET, SQL Server 2008.

Role : Software Developer

Team Size: 5

Description:

- This is we developed like a product. Department Store is a window-based Department Management software to automate Department management operations such as Goods Entry, Goods Stock, Customer Management, Employee Management Restaurant management.
- Department has provision to maintain individual Cost Center or Business Entity separately and has provisions to get multiple Reports such as Sales Reports, Inventory Reports.

Education

Bachelor of Computer Science - B.Sc

St. Joseph's College, Tamil Nadu,Trichy

2014 - 2017

Skills

Program Languages

- C sharp (C#)
- Visual Basic (VB)

Front End

- Html
- CSS
- Bootstrap
- JavaScript
- Angular
- TypeScript

Back End

- .NET
- SQL

Deployment

- AWS Cloud Server
- IIS Server
- Plesk Server

Data Access Technology

- ADO.NET
- Entity Framework
- Dapper (ORM)

Version Control

- SVN
- Git
- TFS
- Azure Dev Ops (CI & CD)

Tools

- Visual Studio (2010 to 2022)
- Visual Studio Code
- SSMS (2012 -2018)
- Postman
- MS Access

Methodology

- Agile,Jira
- Scrum,User Story