



RAMYA SRI . K

software engineer

Results-driven Software Engineer with experience in designing, developing, and deploying NET Core applications, Web APIs, and scalable enterprise solutions. Skilled in project management, system analysis, and debugging, with a proven track record of delivering high-quality software solutions on time. Seeking to leverage technical expertise to contribute to innovative software development projects.

Contact



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Education

- Bachelor of Engineering (B.E.) in Electrical Engineering Anna University-BIT Campus | GPA: 7.9 | 2023
- Higher Secondary Certificate (HSC)-SRV Matriculation | 73 %
- Secondary School Certificate (SSC)-St. Mary's matriculation | 96.5 %

Skills

- **Backend & Frameworks:** ASP.NET Core, ASP.NET MVC, C#, Web API.
- **Database:** MS SQL.
- **Frontend:** HTML5, CSS3, JavaScript, jQuery AJAX.
- **DevOps & Collaboration:** Azure DevOps (Git, Pull Requests, Merge Conflict Resolution, Task Management)

Academic projects

- Three phase inverter using MPC(2022) - This project is designed to give a proper current flow without any fluctuation. The Modern predictive controller is used to control the fluctuations
- Solar cell surface defect detection using deep learning (2023)) - This project is designed for monitoring the defection in solar cell surface using deep learning CNN algorithm

Experience



Software Engineer

Scopethinkers pvt.ltd

Sep 2023 - Present

Internal Project: HRMS (Human Resources Management System)

- Technologies: ASP.NET Core, ASP.NET MVC, C#, Web API, Entity Framework, MS SQL, JavaScript, jQuery, HTML5, CSS3, AJAX, SourceTree, Jira
- Developed and maintained a web-based HRMS application to manage employee and HR operations.
- Built and consumed RESTful APIs using ASP.NET Core Web API and integrated them into frontend components.
- Used Entity Framework for data access and business logic implementation with MS SQL Server.
- Implemented dynamic UI components with JavaScript, jQuery, AJAX, and HTML/CSS.
- Managed code versions and commits using SourceTree, and tracked tasks, issues, and progress via Jira.

Client Demo Project - LCMS (Legal Case Management System)

- Technologies: ASP.NET Core, C#, Web API, JavaScript, HTML5, CSS3, MS SQL
- Contributed to a legal case tracking system for a central government demo.
- Developed master modules and implemented backend features using ASP.NET Core and Entity Framework.
- Created frontend interfaces using JavaScript and HTML/CSS to enable user interactions.
- Participated in code reviews and collaborated with the team to ensure timely delivery of modules.

Client Project - Meet Table (Food Event Management Platform)

- Technologies: ASP.NET Core, C#, Web API, JavaScript, jQuery, HTML5, CSS3, MS SQL, Stripe, Razorpay, Git, Azure DevOps
- Developed a scalable food event management platform with secure Stripe and Razorpay payment integration.
- Built and optimized RESTful APIs in ASP.NET Core, improving response times by 15%.
- Implemented responsive front-end features using JavaScript, jQuery, HTML5, and CSS3.
- Utilized MS SQL Server with Entity Framework for efficient data access and business logic.
- Managed source control and project tasks using Git and Azure DevOps.

Client Project - Learning Portal

- Technologies: .NET Core 9.0, C#, Web API, JavaScript, HTML5, CSS3, MS SQL, Stripe, Git, Azure DevOps
- Developed a web-based learning platform with role-based admin controls and a secure book purchasing system.
- Created an admin panel for order tracking, including email notifications and downloadable PDF order summaries.
- Optimized homepage and backend APIs, reducing transaction errors by 20%.
- Implemented responsive UI using JavaScript, HTML5, and CSS3 for a seamless user experience.
- Integrated Stripe for secure payments and used MS SQL Server for reliable data management.
- Managed code versions and tasks using Git and Azure DevOps.

Client Project - ZoBot SalesIQ Chatbots

- Technologies: Zoho SalesIQ, JavaScript, HTML5, CSS3
- Created and deployed ZoBot SalesIQ chatbots for FAQs and product queries, reducing support team workload by 30%.

Client Project - ApolloLens Healthcare Admin Panel

- Technologies: .NET, AngularJS, Web API, MS SQL, Git, Azure DevOps
- Enhanced the healthcare admin panel to improve workflow efficiency and ensure compliance with healthcare standards.
- Implemented new AngularJS components and optimized .NET backend services for seamless operations.

Client Demo - StockAI Visualization

- Technologies: .NET Core, SignalR, JavaScript, HTML5, CSS3
- Built a real-time bar chart for stock data using SignalR and .NET Core to demonstrate live market updates.