

CHARULATHA V

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SUMMARY

Motivated and detail-oriented .NET Developer with 1.11 years of experience in building user-centric web and desktop applications. Skilled in delivering scalable, secure, and efficient solutions while continuously improving system performance.

Currently expanding expertise in mobile technologies through Android application development and cross-platform integration.

WORK EXPERIENCE

- Having **1.11 years of experience as an .NET Developer**, working on Web Forms, C#, SQL Server, and full-stack web application development. Hands-on experience in building scalable, responsive, and secure web applications across multiple domains including **E-Commerce** and **CDR Analysis**.
- Good knowledge in **server-side development using C#**, writing reusable components, handling business logic, and optimizing application performance.
- Hands-on experience in **SQL Server** with expertise in writing complex queries, stored procedures, functions, and optimizing large datasets, especially for CDR analytical operations.
- Developed and enhanced features for **CDR Analyzer**, including file uploads (CSV/Excel), automated data insertion, and real-time data filtering for investigation workflows.
- Experience in building **secure authentication systems**, including OTP verification, SMTP-based notifications, and secure email communication.
- Experience in designing dynamic user interfaces using **HTML, CSS, Bootstrap, AJAX Control Toolkit**, ensuring smooth and interactive user experience.
- Worked extensively with **Razorpay Payment Gateway** for secure online transactions in both e-commerce and service-based applications.
- Designed and developed **role-based dashboards** (Admin, Vendor, Distributor) for B2B and e-commerce platforms, enabling efficient product, order, and inventory management.
- Experience with both **Web Forms** and **Windows Forms**, especially for backend tools, file handling, and automated data processing operations.

PROJECTS

Yuva CDR Infotech Pvt Ltd | Bengaluru, Karnataka

Apr 2024 - Apr 2025

PROJECT 1: CDR Analyzer Development

Description: Developed a data-driven CDR Analyzer application and investigations with location tracking, report generation, and automated data processing.

Key Responsibilities:

- Designed dynamic front-end screens for CDR viewing, filtering, and number analysis.
- Implemented Google Maps integration for displaying live and historical location movements.
- Developed stored procedures to filter large telecom datasets and extract meaningful insights.
- Built secure SMTP-based email alerts and report-sharing features.
- Implemented **email notifications** for registration, order confirmation, payment success/failure, and password reset.
- Implemented advanced file upload functionality for CSV/Excel formats with automated data insertion.
- Created Razorpay payment integration for subscription and report purchase modules.

Technologies Used: ASP.NET Web Forms, C#, SQL Server, HTML, CSS, Bootstrap, AJAX Toolkit, Google Maps API, SMTP, Razorpay Payment Gateway.

PROJECT 2: B2B Multi-Vendor E-Commerce Platform

Description:

Developed a scalable multi-vendor B2B e-commerce platform allowing wholesalers, distributors, and retailers to manage products, orders, pricing, and inventory.

Key Responsibilities:

- Developed role-based dashboards (Admin, Vendor, Distributor) with secure authentication.
- Created stored procedures for stock management, product variations, and order fulfillment.
- Implemented **email notifications** for registration, order confirmation, payment success/failure, and password reset.
- Collaborated with UI/UX and testing teams for smooth deployment and performance testing.
- Integrated Razorpay for payment processing.
- Managed **error handling, logging, and performance optimization**, ensuring a stable and scalable application.

Technologies Used: ASP.NET Web Forms, C#, SQL Server, HTML, CSS, Bootstrap, AJAX.

PROJECT 3: E-Commerce Application Development

Description:

Developed a fully functional e-commerce platform with vendor management, product listings, order processing.

Key Responsibilities:

- Built **responsive and secure login/registration modules** with OTP verification, email validation, and password encryption.
- Built Admin and Vendor dashboards for managing product catalog and orders.
- Implemented **Add to Cart, Buy Now, and Order Checkout** functionality with validation for stock availability and payment confirmation.
- Developed SQL Server stored procedures for order management and inventory control.
- Enhanced user experience with **Bootstrap-based responsive designs**, ensuring mobile-first UI and fast loading pages.
- Worked on **search and filter features** for product categories, price ranges, ratings, and stock availability.
- Implemented **email notifications** for registration, order confirmation, payment success/failure, and password reset.
- Integrated Razorpay for payment processing.
- Managed **error handling, logging, and performance optimization**, ensuring a stable and scalable application.

Technologies Used: ASP.NET Web Forms, C#, SQL Server, Bootstrap, HTML, CSS, SMTP, Razorpay.

EDUCATION

Dec 2020 - May 2023

Bachelor of Engineering - Computer Science

ATME College Of Engineering Mysuru-(VTU)
CGPA: 7.2

ADDITIONAL INFORMATION

- **Technical Skills:** C#, SQL Server, MySQL, ASP.NET, ASP.NET MVC, Web API, HTML, CSS, Bootstrap, AJAX, Flutter, Dart.
- **Tools:** Postman, Visual Studio, Visual Studio Code
- **Languages:** English, Kannada
- **Hobbies:** Chess, Music