

Otto Environmental Systems

Enterprise Web Portal – Otto Environmental Systems

Company: BlueChip Computers Pvt Ltd

Client : Otto Environmental Systems

Duration: (June 2014 – Dec 2016)

Project Overview

The **Enterprise Web Portal** for Otto Environmental Systems was developed to manage internal operations, customer orders, and product catalogues for waste management solutions. The portal streamlined business workflows, improved data visibility, and enhanced customer engagement through a centralized web-based system.

Objectives

- Digitize and centralize business processes including product management, customer orders, and reporting.
- Provide role-based access for internal teams and external clients.
- Ensure secure data handling and integration with legacy systems.
- Improve operational efficiency and reduce manual overhead.

Technologies Used

Layer	Technologies/Tools
Frontend	ASP.NET MVC (Razor Views), HTML5, CSS3
Backend	ASP.NET Framework
Database	Microsoft SQL Server
Integration APIs	RESTful APIs, internal services
DevOps	IIS Deployment, Manual CI/CD
Version Control	Git, GitHub

Roles & Responsibilities

- Designed and developed web pages using ASP.NET MVC with Razor syntax.
- Implemented backend logic using ASP.NET controllers and services.
- Created and optimized SQL Server stored procedures, views, and triggers.
- Developed modules for customer order tracking, product catalog management, and reporting dashboards.
- Integrated third-party APIs for shipping and logistics.
- Participated in requirement analysis, sprint planning, and client demos.

- Performed unit testing and supported QA and production deployment.



Key Achievements

- Automated manual order tracking, reducing processing time by 60%.
- Enhanced data accuracy and reporting through SQL optimization.
- Successfully deployed the portal across multiple departments with positive user feedback.