

Case Study 1 - Manufacturing

Client Profile:

- **Industry/Company:** Chicago (USA) based manufacturing & engineering company
- **IT Needs:** Core Framework: ASP.NET MVC Framework, C# (.NET), HTML, CSS, JavaScript, Razor Pages, ORM, SQL Server, React, Angular, Vue.js, Autofac, StructureMap, Azure, Google Cloud Platform

Problem Statement:

- **Enhancement of their existing platform** across modules like **Costing, Purchasing, Sales & Vendor**
- Addressing immediate operational needs through staff augmentation, assembling a dedicated team of at least **23 resources** within the first year.

Proposed Solution:

- **Core Framework Development:** Hire 8 skilled developers with expertise in ASP.NET MVC, C# (.NET), HTML, CSS, JavaScript, and Razor Pages.
- **Frontend and Backend Support:** Onboard 10 professionals specializing in React, Angular, Vue.js, ORM, and SQL Server.
- **Cloud Integration:** Recruit 3 cloud experts proficient in Azure and Google Cloud Platform.
- **Dependency Injection:** 2 specialists in Autofac and StructureMap for efficient dependency management.

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Case Study 1 - Manufacturing

Benefits

- Team Size: **23 specialized professionals hired within 7 months.**
- Operational Efficiency: **35% improvement in workflows.**
- Cost Reduction: **25% reduction in development costs.**
- Project Delivery Speed: **30% increase in project delivery speed.**
- Client Satisfaction: **92% satisfaction rate achieved.**

Case Study 2 - Manufacturing

Client Profile:

- **Industry/Company:** Detroit (USA) based automotive manufacturing company
- **IT Needs:** Core Framework: AWS, ASP.NET MVC Framework, C# (.NET), Microsoft Azure, HTML, CSS, JavaScript, Razor Pages, ORM, SQL Server, React, Angular, Vue.js, Autofac, StructureMap

Problem Statement:

- **Enhancement of their existing platform** across modules like **Inventory Management, Production Scheduling, Quality Control, and Logistics**
- Need **12 IT resources** in Manufacturing under staff augmentation with overlapping time zone.

Proposed Solution:

- **Core Framework Development:** Hire 4 skilled developers with expertise in ASP.NET MVC, C# (.NET), HTML, CSS, JavaScript, and Razor Pages.
- **Frontend and Backend Support:** Onboard 4 professionals specializing in React, Angular, Vue.js, ORM, and SQL Server.
- **Cloud Integration:** Recruit 2 cloud experts proficient in AWS and Microsoft Azure.
- **Dependency Injection:** 2 specialists in Autofac and StructureMap for efficient dependency management.

Case Study 2 - Manufacturing

Benefits

- Team Size: **12 specialized professionals hired within 6 months.**
- Operational Efficiency: **45% improvement in workflows.**
- Cost Reduction: **21% reduction in development costs.**
- Project Delivery Speed: **27% increase in project delivery speed.**
- Client Satisfaction: **96% satisfaction rate achieved.**

Case Study 3 - Manufacturing

Client Profile:

- **Industry/Company:** Houston (USA) based oil and gas equipment manufacturing company
- **Staffing Needs (Non-IT):** Skilled professionals in equipment maintenance, resource planning, supplier management, compliance tracking, and safety management.

Problem Statement:

- **Enhancement of their existing operations** across departments like **Equipment Maintenance, Resource Planning, Compliance Tracking, and Supplier Management**
- Urgent need for a dedicated team of 15+ skilled professionals within 8 months to promptly address operational gaps, necessitating staff augmentation.

Proposed Solution:

- **Equipment Maintenance:** Hire 10 maintenance engineers to ensure all equipment is in optimal working condition and reduce downtime.
- **Resource Planning:** Onboard 7 resource planners to effectively allocate resources and improve production efficiency.
- **Supplier Management:** Recruit 5 supplier managers to enhance relationships with suppliers and ensure timely procurement of materials.

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Case Study 3 - Manufacturing

- **Compliance and Safety Management:** Hire 5 compliance and safety officers to ensure all operations meet safety standards and regulatory requirements.

Benefits

- Team Size: **27 specialized professionals hired within 5 months.**
- Operational Efficiency: **38% improvement in workflows.**
- Cost Reduction: **22% reduction in development costs.**
- Project Delivery Speed: **28% increase in project delivery speed.**
- Client Satisfaction: **91% satisfaction rate achieved.**