

OWEN MORRIS

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EXPERIENCE

Software Engineer I | UHS of Delaware | Dec 2021 - Present

- Engineered and maintained full-stack web applications using **.NET** (Blazor, Razor Pages, MVC, Webforms), consistently improving performance and user experience.
- **Reduced ETL pipeline processing time from 18 hours to 20 minutes**, a 98% improvement in data delivery and efficiency.
- Automated deployments via **CI/CD with GitHub Actions**, slashing release times and minimizing errors by 30%.
- Led a critical shift from batch processing to **REST API integration**, improving real-time data delivery for key business systems.
- Designed and implemented robust relational database structures in **SQL Server** and **Oracle** to support complex application requirements.
- Built **RPA solutions** with Microsoft Power Automate, eliminating manual terminal processes and increasing operational efficiency across teams.
- Architected and built background **.NET Worker Services** to monitor file shares and automate critical data ingestion workflows.
- Developed a physician portal with a **Blazor** frontend and API backend, managing doctor profiles across SQL Server and IBM Invision terminal systems using a domain-driven design. This portal automates updates and reduces manual data entry.
- Built a **Webforms** application for new hospital design and construction projects, managing budgets and project data to ensure the company stayed on budget.
- Created a **Vendor Management site** using **.NET MVC** for patient financial teams, tracking vendor activity and issues to measure and increase ROI.
- Developed multiple dashboards with **Razor Pages** to provide quick insights for Facility Go-Lives, enabling users to make timely decisions without launching external BI tools.

TECHNICAL SKILLS

Languages: C#, Java, JavaScript/TypeScript, SQL **Frameworks & Libraries:** .NET, React, Next.js, Bootstrap, Tailwind **Databases & ETL:** SQL Server, Oracle, PostgreSQL, SSIS **DevOps & Tools:** GitHub, Azure, IIS, TFS, Bash **Automation:** Power Automate, Emue, Verastream **Other:** Visual Studio, VS Code

EDUCATION

Indiana University of Pennsylvania | B.S. Computer Science, Software Engineering (2021)

- ACM Club Member