OWEN MORRIS

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PROFESSIONAL SUMMARY

Software engineer moving into solutions engineering, with 5+ years of experience in technology. I work with healthcare teams to understand workflows, gather requirements, and build solutions. I give live demos, explain technical choices, and help Customer Success support customers.

EXPERIENCE

Software Engineer | Imalogix **Feb 2026 - Present**

- Build APIs and microservices for radiation-dose monitoring software used by over 100 facilities. Work with the Product Owner to define requirements and technical tradeoffs.
- Added multifactor authentication for non-SSO customers using AWS Key Management Service and Amazon Simple Notification Service. Wrote setup and rollout guidance with Customer Success.
- Release backend and database updates in two-week sprints. Demo the team's work, architecture, and release plans to the CEO, VP of IT, and VP of Customer Success.
- Troubleshoot production incidents across the platform. Help Customer Success explain customer impact and what to expect during recovery.
- Built an internal AI knowledge system that ingests code, SQL schemas, Jira bugs, and wikis nightly into containerized PostgreSQL, with Markdown architecture and company-history context. Added a Model Context Protocol (MCP) server for indexed search to support development and troubleshooting without local repository downloads.
- Use Claude Code and Codex extensively to build new features faster, using focused context and targeted retrieval to keep token usage low.

Software Engineer I | UHS of Delaware **Dec 2021 - Feb 2026**

- Ran discovery and demos with Patient Financial Services, Facility Registrars, Design & Construction, and directors to map workflows and deliver internal applications.
- Developed revenue cycle data integrations involving 835/837 transactions, HL7, 276/277 transactions, and payer APIs.
- Built a Denial Management tool for Patient Financial Services to manage high-profile denials using CARC/RARC codes and denial amounts.
- Cut ETL processing from 18 hours to 20 minutes, giving operational teams faster access to critical business data.
- Modernized batch workflows into REST API integrations and built .NET Worker Services to automate file-based data ingestion.
- Developed a physician portal with a Blazor frontend and API backend, integrating doctor profiles across SQL Server and IBM Invision.
- Automated deployments with GitHub Actions CI/CD, reducing release time and deployment errors by 30%.

Service Desk Analyst (Contract) | SEI Investments **Jul 2021 - Dec 2021**

- Resolved PC hardware and software issues using ServiceNow, Active Directory, and SCCM; imaged and configured HP computers for new hires.

Intern | SEI Investments **Jun 2019 - Aug 2019**

- Helped clients troubleshoot hardware and software issues.

TECHNOLOGY SUMMARY

Engineering: C#, .NET, Blazor, REST APIs, Microservices, AWS, MCP, Claude Code, Codex.

Data & Tools: SQL Server, Oracle, PostgreSQL, ETL, GitHub Actions, GitLab, CI/CD.

EDUCATION

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