# GARY HAKE

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| **EDUCATION** | **Bachelor of Science in Computer Science** | |
| | Minor:   Mathematics | |
| | Southern Illinois University (SIUE), Edwardsville, IL | |

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| **EXPERIENCE** | **Lead Developer at Humana-Military** | July 2021 – Present |

- Full stack developer responsible for completing features that included updates to: stored procedures, data layers, nuget model packages, APIs, and front end (.net MVC)
- Helped convert team to Azure Dev Ops: application conversion from tfs to ADO, static dlls to nuget packages, and .net framework upgrades
- Team Tech Admin responsible for repo creation, pr reviews, creating and enforcing code standards, and completing proof of concepts for the team (pipelines, test plans, etc)
- Implemented Organization-wide Azure Dev-Ops pipelines, including a template approach to centralize pipeline code, wiki creation to help on-board teams, and presentations to demo and get feedback
- Lead in converting applications from .net framework to core, which included configuration modernization (xml to json), and application redesign (removing api from mvc application)
- Mentored junior and senior devs as part of the team's modernization efforts, including performance reviews

**Full Stack ASP.Net Developer at Waystar**            March 2019 – July 2021

- Manage, Develop, Troubleshoot the full stack of a Patient payments system: web portals, APIs, SqlServer, Proxies, and nuget packages
- Covert VB.net patient payment website scraping system to c#. Included: breaking system into smaller services, creation of sql jobs to replace obsolete services, website redesign

**Actuarial Systems Analyst at State Farm Insurance**            April 2013 – March 2019

- Lead Developer for multiple software projects
- Data modeler for new and existing projects
- Server setup and Python Virtual Environments
- DevOps through GitLab and Jenkins

**Specialist at Fleishman-Hillard Inc.**            November 2010- February 2013

- Security Supervisor for company's PeopleSoft Financials system
- PeopleSoft Developer- Complete tasks supporting production system

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| **COMPUTER** | Visual C++ | Markdown | GitLab | Atom |
| **SKILLS** | VB.NET | SQL | Db2 | Python |
| | Java | Data Modelling | HTML | Visual Studio |

**PROJECTS**

- As a lead developer at Humana-Military, I'm responsible for not just performing feature updates in full stack applications, but being an example that other developers follow in their own changes. This includes timely code reviews, producing clean code, thorough test cases, and clean and logical design
- My team was given the opportunity to be 'Early Adopters' of using pipelines for our repos in Azure Dev Ops. I started working just to solve a few issues another lead had voiced (environment configuration transformations), and it led into me taking the reigns of the entire project. I worked with server admins to help with build agents and security, but I was primary in creating the approach we adopted for an organization wide pipeline system. This included creating yml templates stored in the 'Enterprise Architecture' project, and all other teams would use those templates as part of their specific pipelines and pass in team specific variables. I also was lead in developing the release/deploy side as we have many requirements(gates) on when and how code is released to each environment
- My experience with .net core and .net framework put me in a position to be lead on converting a number of our applications to core. This included configuration conversions (from yml to json) and using swagger/swashbuckler for api testing (instead of fiddler, postman)
- At Waystar, I managed and developed a Patient Payments system. This system was made up of four distinct stacks: Patient Payments (where we managed the actual nuts and bolts of sending payments), Patient Center (where we managed patient info and tie them to hospitals), Print Services (where we managed sending statement reminders and notifications), and Patient Notebook (the website that patients use to manage and pay statements). Each stack has a web portal, APIs, and database, and all need to communicate to each other.
- I was hired by Waystar to integrate a company they bought that specialized in screen scraping medical payment websites. The idea was that a batch of patients (thousands) would be checked against actual data in a myriad of patient payment systems. Our application ran scrapers on VMs that would log in to the payment system, and programmatically search for the patient, and if found, scrape their data and report inconsistencies
- I was lead Developer for an application called Indications. Indications analyzes loss, premium, and expense insurance data to determine a potential percent change for a particular 'rate' (private passenger for car insurance). Over 200 actuary users, over 50k lines of code, written in both c# and vb.net. Written in WPF and deployed using ClickOnce. Project took over 5 years to complete, I was on the project since its inception as a junior developer but moved into the lead role the last 3 years.
- Set up and maintained shared Python Virtual Environments on a modelling server. Included storing virtual environments on a git repository and managing changes through a self-developed versioning system. Environment shared between 3 departments
- Developed a unit wiki through GitLab using GitLab CI and GitBooks. Wiki centralized unit and software project documentation. Shifted unit away from personal and SharePoint storage to git and GitLab