Seth Reno

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Summary

I am a software engineer who cares about my craft and strives to make software people enjoy using. I have proven success as an individual contributor, architect, and team lead. I love building software and believe work should be fun.

Languages & Tools

Languages: C#, Python, SQL, JavaScript, TypeScript, HTML, CSS, shell scripting

Frameworks: .NET, ASP.NET, React, Django

Tools: Vim, VS Code, Visual Studio, Git, Docker, Playwright, Cypress, XUnit, Jest, Pytest, Github, Bitbucket, Jenkins, SQL Server, PostgreSQL, Redis, RabbitMQ, Elasticsearch, Kibana, New Relic, Jira, Trello, Azure, AWS, GCP

Experience

2023 – Now **Sr. Staff Engineer**, *Rosnet*, Parkville, MO.
- Helped teams improve velocity by assisting with automated deployemnts, containerization, automated testing, and observability.
- Reviewed and improved designs for multiple projects saving the company money.
- Standardized Rosnet's SE interview process.
- Documented critical systems that were not well understood.
- Resolved highest priority production issues.
- Implemented framework for secure secrets management.

2021 – 2023 **Tech Lead**, *Rosnet*, Parkville, MO.
- Bootstrapped and lead a highly successful team that delivered multiple features using .NET, React, RabbitMQ, & Elasticsearch.
- Addressed one of the company's biggest scalability issues using RabbitMQ.
- Implemented production replay system that's used for load testing heaveywight legacy SQL Server workloads.

2012 – 2020 **Sr. Software Engineer**, *Rosnet*, Parkville, MO.
- Implemented Rosnet's data ingestion platform. This is a distributed system with clients running on thousands of machines. It integrates 25 different POS systems with Rosnet and provides near real-time data servicing ~5,000 requests per minute.
- Implemented Rosnet's public API. api.rosnet.com
- Implemented a labor rules engine which applies complex rules to accurately calculate pay for tens of thousands of employees daily.
- Setup CI/CD pipelines for multiple projects using Jenkins.
- Provided solution for cross platform code search and SQL server version control for the entire org.

2006 – 2012	**Sr. Programmer Analyst**, *Cameron Insurance Companies*, Cameron, MO.

- Completed a multi-year mainframe policy system replacement project. My role was technical lead on a team comprised of four .NET developers, four COBOL programmers, and an outside vendor. During this project I utilized my skills in communication, project management, and object oriented analysis and design to help provide an effective solution.
- Advocated for and helped team move from Visual Source Safe to SVN for version control.
- Advocated for and helped team adopt automated unit & integration testing.
- Implemented database version constrol for SQL Server.

2005 – 2006	**Programmer Analyst**, *Cameron Insurance Companies*, Cameron, MO.

- Implemented policy declarations printing system using .NET framework. Completed this project in a fraction of the time expected by parsing legacy COBOL programs which contained the x and y coordinates of each form field.

2001 – 2005	**Sr. System Administrator**, *Shook, Hardy, & Bacon*, Kansas City, MO.

- Developed various applications and scripts scripts to automate repetitive system administration tasks.

Freelance, Open Source, & Side Projects

2024 – Now	**Side Project**, *Budget Flow*, budgetflow.io.

- Created a web app to make it easier to track spending by category and see cashflow projections. Uses React (Refine), Supabase, Python, scikit-learn, & Cloudflare.

2020 – 2021	**Freelance**, *ECS Geothermal*.

- Implemented a custom CRM using .NET, Vue.js, Azure App Services, & AWS Postgres RDBMS.

2019 – 2022	**Open Source**, *ReGitLint*, github.com/sethreno/ReGitLint, 57 stars.

- Created and maintained ReGitLint, an open source code formatting utility that helps development teams maintain consistent code style.

2009 – Now	**Open Source**, *Schema Zen*, github.com/sethreno/schemazen, 336 stars.

- Created a tool to dump and restore SQL Server schema to text files for version control. This tool was preferred by many over other solutions due to it's speed and simplicity.
- Includes regression tests that create, dump, & compare databases using the tool against SQL Server Docker images in Github Actions.
- Reviewed and merged contributions from developers from around the world with a wide range of skill levels.
- Maintained a code base for over a decade as the underlying .NET framework has evolved.

Education

2001 – 2004	**Bachelor of Science in Computer Information Systems**, *DeVry University*, Kansas City, MO.