

Keenan W. Wilkinson

Saint Louis, MO | 314-479-2014 | keenanwilkinson@outlook.com | [Github](#) | [LinkedIn](#)

PROFILE

- Capable of providing a tech stack from the ground up, from bare-metal hosting to the front-end user experience.
- Works best in an agile environment utilizing practices such as SCRUM.
- Works closely with BSAs and other associates to understand business needs and optimize implementation.
- Cooperates with QA to ensure understanding of testing scope and story understanding.
- Capable of learning new concepts and skills quickly, flexible with any given tech stack.
- Experience using Git and CI/CD pipelines.
- Experience creating effective unit tests to solidify a working product in development.
- Built and designed a back-end implementation of a programming language parser named Vixen.
- Maintaining several services from personal server hosting.
- Understanding of networking and security.

SKILLS

- 5 years of experience writing Python using frameworks such as Flask, Django, Pandas and FastAPI.
- 4 years of experience working with SQL and other variants such as MySQL and PostgreSQL as well as their server management.
- 4 years of experience developing in Java using frameworks such as Spring Boot, Hibernate and Salesforce Apex classes.
- 2 years of experience writing Rust code using frameworks like Slint, Diesel, and Rocket to create Web APIs and desktop applications.
- 2 years of Go programming building interfaces with other embedded projects.
- Understanding of front-end languages such as JavaScript and Typescript.

WORK EXPERIENCE

Software Engineer at Washington University of Saint Louis Missouri

Oct 2022 – Present

- Creates custom solutions for team members based on their needs through scripting with Python.
- Assisting researchers with Java by maintaining existing data pipelines as their process changes.
- Enhancing existing data pipelines while maintaining backward compatibility as required.
- Created custom CLI tools and scripts to assist in achieving individual needs utilizing Python and Rust.
- Reverse-engineered legacy systems to maintain and ensure continued use until end-of-life.
- Improved plugins derived from Spring to extend usability at a full-stack capacity; enhancing to suit user needs and improve reliability.

Software Application Engineer at Centene Corporation

Jul 2020 – Oct 2022

- Improved existing Salesforce Apex (Java Subset) classes and triggers responsible for end-user requirements.
- Maintained several services designed in Python using Django and Flask, as well as various microservices to communicate between them.
- Maintained Python/PostgreSQL data pipelines designed to calculate commission payouts for insurance brokers in both the eastern and western sectors of the country.
- Provided production support for business partners/clients and the brokers they represented.
- Had to access multiple database servers for business needs using SQL server languages such as SQL Server, Oracle DB, and MongoDB.

- Designed the caching mechanism for two of our largest services used for data transfer between each other, a RESTful API and a Salesforce instance, using Redis as the cache layer.
- Worked with a team of developers, BSAs, management, and clients daily to ensure optimal progress.
- Lead the design, triage, and operations of a C# data pipeline for the broker west commission payouts, fed by a MongoDB instance.