

Clinton (CJ) Steiner

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PROFESSIONAL EXPERIENCE

CBOE Global Markets

Lenexa, KS

Senior Software Engineer

April 2022 – Present

- Managed Test, Build, and Release of software release to 31 exchanges across 4 time zones.
- Decreased CI cost by \$90k while improving time/run by 2x (4 hours to 1.75 hours).
- Led implementation of coupling new streaming (Kafka) technology and abstracted existing integration tests to provide user focused coverage.
- Implemented automated testing of Postgres database changes in a Jenkins CI/CD system, gate-keeping production roll outs in an automated fashion.
- Led implementation of coupling new streaming (Kafka) technology into the existing cpp and python exchange technology. Abstracted key pieces away to make the configuration "just work" for other teams.
- Designed new build and release processes to be highly scalable and fit within the current model of approvals to meet our Software Engineering Methodology.
- Assisted developers with coupling dependencies into our weekly build and release process
- Heavily optimized existing infrastructure reducing infrastructure costs by 50% and improving pipeline speed by 30%.
- Awards: AI Olympics Silver Medal (out of 54 entries). 2024 Ethics and Compliance Award.
- Created test bench with python code to simulate complex holiday and bug scenarios to recreate unique production failures and guard against regressions.

Spark Change LLC

Kansas City, MO

Software Engineer

Nov. 2020 – April 2022

- Lead engineer for 2 (of 8) clients, directly interfacing with customers to design custom-workflows to reduce touches from billing and medical staff. Provided live scripting during on-site "Go-live", working with CFO and billing staff to custom release only the claims with logic working correctly.
- First engineer to implement custom automation into new Soarian technology suite. Automated 600 hours of manual clicks to generate claims via SQL and Python scripting. (600k savings annually)
- Serviced all custom claim rollup logic requests, considered one of the complex programming tasks. Errors in scripting prevents claims from generating or can create denials. Created semi-automated testing and review process with client billing experts to ensure stability.
- Saved 250 hours/hospital per year by automating provider credential validation, flagging discrepancies requiring manual review and automatically when possible.
- Go-live support, providing ad-hoc data analysis and system controls all via custom scripting commonly working with C-suite executives in control center room writing scripts that impacted millions in revenue.

Intrust Bank

Wichita, KS

Database Administrator

June 2020 – Nov. 2020

- Administrated 80 MSSQL Servers performing upgrades, backups, index-tuning and designing security groups.

Burns & McDonnell

Kansas City, MO

Engineering Intern

Summers 2018, 2019

- Created utility which incorporated department staffing and past project statistics to automatically generate rough bid for projects.
- Programmed utility to replace manual database export and counting via excel to generate per equipment completeness and identify equipment posing schedule-risk. Saved \$3.2k in engineering hours per project.
- Worked 42 hours in 3 day window to programmatically resolve errors in project documents to meet project checkpoint worth \$300k.

EDUCATION

Kansas State University

Manhattan, KS

Bachelor of Science in Mechanical Engineering

Aug. 2016 – Dec. 2020

PROJECTS

Open Source | Python, Docker, Bash

May 2018 – Present

- Maintainer: jenkinsapi (python), Contributor to various other open source projects

TECHNICAL SKILLS

Languages: Python, SQL, Groovy, Java, Bash, XSLT, Lua, AHK, VBA

Tools: Jenkins, Postgres, Snowflake, Kafka, Snowflake, Kudu, Nifi, PDB, Docker, Podman, Git, Prometheus, Incredibuild, SQL Server, Active Directory

Leadership/Volunteering: *Volunteer* - Habitat for Humanity, *Lector* - Our Lady of Lourdes, *President* - Engineering Ambassadors, *Technology Director* - Student Governing Association, *President* - Mech. Engg. Student Advisory Council

Certifications: Securities Industry Essentials, Fundamentals of Engineering, ENV SP