

Clinton (CJ) Steiner

+1 620-480-0460 | clintonsteiner@gmail.com | linkedin.com/in/clintonsteiner/ | github.com/clintonsteiner

Professional Experience

CBOE Global Markets — Lenexa, KS

Senior Software Engineer | May 2024 – Present

- Led 4-person build and release team delivering 300+ artifacts/week across production and cert environments to 31 global exchanges supporting ~\$100B in daily trades.
- Architected migration from nightly deployments toward continuous delivery; reduced deployment cycle time and improved feedback loops across thousands of daily commits.
- Drove major infrastructure upgrades — RHEL 7→9, Vault, Postgres 9→17, Java 11→21, Python 3.8→3.13, database-to-Kafka — maintaining high uptime and zero customer impact across exchange-critical systems.
- Awards: AI Olympics Silver Medal (54 entries). 2024 Ethics and Compliance Award.

Software Engineer | April 2022 – May 2024

- Replaced Artifactory (\$400k/year, 4 Mbps) with custom Python and S3 (\$12k/year, 380 Mbps); reduced pipeline execution time by 40% and eliminated vendor dependency on critical delivery path.
- Owned 30–200 node Jenkins testing infrastructure running hundreds of jobs/day; root-caused and resolved all incidents within SLA across firewall, permissions, package, and shared object issues.
- Built and maintained all Jenkins pipelines for new build types and release workflows; established SOX audit compliance for CI/CD systems across all exchanges.
- Introduced hermetic build tooling (Bazel/Pants) into monorepo CI pipeline, enabling incremental builds and reducing unnecessary test execution across large dependency graphs.

Spark Change LLC — Kansas City, MO *Software Engineer* | Nov. 2020 – April 2022

- Led engineering for 2 of 8 clients at a health system (\$7.3B revenue, 12 hospitals); designed custom billing workflows and provided on-site go-live support protecting millions in cash flow.
- Only engineer able to implement custom claim rollup logic within Cerner's generation pipeline; built semi-automated testing and CI to prevent silent claim failures that could delay cash flow for weeks.
- Integrated insurance vendor APIs and automated Soarian workflows, eliminating 600 hours of annual manual work (\$600k savings/year).
- Automated provider credential validation across hospitals, saving 250 hours/hospital/year by flagging and resolving discrepancies automatically.

Intrust Bank — Wichita, KS *Database Administrator* | June 2020 – Nov. 2020

- Administered 80 MSSQL servers: upgrades, backups, index tuning, and security group design.

Burns & McDonnell — Kansas City, MO *Engineering Intern* | Summers 2018, 2019

- Built two internal utilities for automated bid generation and equipment schedule-risk tracking; both still in use; saved \$3.2k/project in engineering hours.
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Education

Kansas State University — Manhattan, KS *B.S. Mechanical Engineering* | 2016 – 2020

Projects

Open Source | Python, Docker, Bash | May 2018 – Present

- Maintainer: jenkinsapi (Python, 1k+ GitHub stars); active contributor to DevOps and infrastructure tooling across the Python ecosystem.
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Technical Skills

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

Tools: Jenkins, GitHub Actions, UV, Pantsbuild, Bazel, Postgres, Snowflake, Kafka, Kudu, NiFi, Docker, Podman, Git, Prometheus, Incredibuild, SQL Server, Active Directory, Entra ID

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