Ethan Clark

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EDUCATION

University of Louisville   Louisville, KY
Bachelor of Arts in Computer Science   *Aug. 2022 – May 2026*

Saint Xavier High School   Louisville, KY
High School Diploma   *Aug. 2018 – May 2022*

EXPERIENCE

Software Engineer Internship & Co-Op   May 2025 – Present
Papa John's   *Louisville, KY*
- Modernized legacy applications to align with current platform, security, and reliability standards.
- Assisted in the development of Docker-Compose based local development environment enabling team members to run and test multiple microservices consistently on their machines.
- Significantly reduced boilerplate code across multiple Java microservices by implementing Lombok annotations and updated dependency versions, improving code readability and maintainability.
- Developed intranet micro-applications for Papa John's in collaboration with LumApps and Northern Ground.
- Maintained backend services using Java and Spring Boot, deployed via Docker on Google Cloud infrastructure.

Produce Associate   May 2022 – August 2025
Kroger   *Louisville, KY*
- Collaborated with team members to maintain optimal standards in the produce department.
- Assisted in training new employees on department procedures and customer service standards.
- Provided excellent customer service by assisting customers with product selection and inquiries.

PROJECTS

Home Server Platform | *Linux, Docker, Jenkins, Nexus, SonarQube, Nginx, Cloudflare*   June 2025 – Present
- Designed and operated a self-hosted home server platform using a lightweight Ubuntu Server distro for CI/CD, artifact management, service monitoring, and autonomous backend applications.
- Built end-to-end CI/CD pipelines with Jenkins to automate compiling, testing, analyzing, and publishing Java applications to a Nexus Repository.
- Implemented centralized logging and monitoring using a custom Docker logging driver and Splunk to track service health and failures across deployed applications.
- Hardened services with environment-based configuration, secrets management, and reverse proxying.

Git Server | *Linux, Git, SSH, Bash, Shell Scripts*   October 2025 – Present
- Led development and ongoing operation of a private Git hosting server to support version control and repository management for the Seneca High School Computer Science curriculum.
- Implemented secure SSH-based authentication and repository access for students and instructors, ensuring a simplified login experience, data integrity, and privacy.
- Automated user and repository provisioning using Shell Scripts to streamline onboarding and administration.

Personal Task Aggregator API | *Java, Spring Boot, REST, OAuth, Docker, Google Cloud*   Dec 2025 – Present
- Built a modular, API-first backend on a self-hosted Home Server Platform for aggregating my tasks and events from multiple external services like Google Tasks, Google Calendar, and Microsoft To Do.
- Designed RESTful endpoints with DTO-based contracts to decouple backend logic for frontend implementations.
- Implemented authentication and external service integrations using OAuth and token-based access.

TECHNICAL SKILLS

Languages & Framework: Java, Python, SQL (MySQL & PostgreSQL), JavaScript, HTML, CSS, Shell Scripts
Frameworks: Spring Boot, Bootstrap, SCSS
Developer Tools: Git, Docker, Kubernetes, Jenkins, Splunk, Nexus, SonarQube, Bitwarden, VS Code
Platforms: Linux, Google Cloud Platform, Nginx, Cloudflare