

Ethan Clark

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EDUCATION

University of Louisville

Bachelor of Arts in Computer Science | GPA: 3.59 | Honors, Cum Laude

Louisville, KY

Aug. 2022 – May 2026

Saint Xavier High School

High School Diploma | GPA: 3.71

Louisville, KY

Aug. 2018 – May 2022

EXPERIENCE

Software Engineer Internship & Co-Op

Papa John's

May 2025 – May 2026

Louisville, KY

- Maintained backend services built with Java and Spring Boot on E-Commerce and BackOffice teams, deploying updates through Docker to Google Cloud, which lowered service downtime and accelerated release cycles.
- Assisted in the development of Docker-Compose based local development environment enabling team members to run and test multiple microservices consistently on their machines.
- Developed intranet micro-applications in partnership with LumApps and Northern Ground, delivering tools that streamlined internal communication and boosted employee productivity.

Produce Associate

Kroger

May 2022 – August 2025

Louisville, KY

- Collaborated with team members to maintain optimal produce standards, which reduced spoilage and kept shelves consistently fresh.
- Assisted in training new employees on department procedures and customer service standards by conducting hands-on demonstrations, leading to faster onboarding and improved service quality.
- Provided customer service by guiding shoppers in product selection and answering inquiries, which increased customer satisfaction and repeat visits.

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.

Sprout | Java, Spring Boot, Maven, JUnit, Mermaid, D2

Mar. 2026 – Present

- Leading a development team in building a Maven plugin that automatically generates a visual architecture diagram from Java-based and Spring Boot-based source code, improving system documentation and visualization.
- Engineered logic to parse Java and Spring components and map dependencies using JavaParser, enabling automated architectural visibility for complex microservice environments.
- Managed the project lifecycle with a focus on CI/CD integration, aiming for publication to Maven Central to provide an open-source, standardized tool for the Java developer community.

Personal Task Aggregator API | Java, Spring Boot, REST, OAuth, Docker, Google Cloud Dec. 2025 – Jan. 2026

- 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: Java, Python, SQL (MySQL & PostgreSQL), TypeScript, JavaScript, HTML, CSS, Shell Scripts

Frameworks: Spring Boot, Bootstrap, SCSS

Developer Tools: Git, Docker, Kubernetes, Jenkins, Splunk, Nexus, SonarQube, Bitwarden, VS Code, Swagger

Platforms: Linux, Google Cloud Platform, Nginx, Cloudflare