

Casey Capozzi

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Senior Software Engineer

Senior Software Engineer with 9 years of experience grounded in foundational development and enterprise-scale architecture. Expert at leveraging advanced AI models—including Claude 3.5 Sonnet and GPT-4—to accelerate delivery across any stack, while maintaining the deep technical intuition required to audit, refactor, and secure complex systems. Proven track record of bridging legacy environments with modern, high-efficiency workflows to drive organizational excellence.

WORK EXPERIENCE

American Family Enterprise Senior Engineer

06/2022 - Present

- Architected a centralized GitLab Wiki dashboard that serves as a command center for scheduled runs, providing real-time status tracking and the ability to trigger pipeline executions directly from the UI.
- Engineered an automated lifecycle bridge using Python and APIs to dynamically update Jira/Xray details, significantly reducing manual administrative overhead.
- Synchronized multi-cloud data integrity by collaborating with GCP teams to validate that streaming data matched AWS environments, ensuring consistency across the enterprise data lake.
- Hardened application security by implementing OAuth 2.0 and migrating sensitive credentials from hard-coded configurations to AWS Secrets Manager.
- Transformed high-complexity, legacy projects into optimized structures using Claude, reducing execution times and improving system readability for the entire engineering team.
- Drove engineering excellence through active participation in the Community of Excellence, leading code reviews, and partnering with performance teams to ensure scalability standards.
- Collaborated within an Agile/Scrum framework, working closely with Product Owners to translate high-level requirements into technical design and participating in strategic release planning.

Menard Inc. Developer II

05/2018 - 06/2022

- Held a lead role in the two-year structural redesign of the enterprise Time and Attendance system, modernizing core logic and system architecture to improve scalability and performance.
- Took a lead role in developing an intelligent resource-allocation model that automated store scheduling by cross-referencing employee skills, experience, and shift preferences against operational requirements.
- Engineered mission-critical web services and applications, ensuring seamless functionality across both desktop and mobile team member portals.
- Optimized organizational data strategy by authoring complex Oracle SQL solutions to deliver actionable reporting on labor metrics and business insights.
- Served in a lead role for junior developer mentorship, establishing best practices and technical documentation that increased team velocity.

Midwest Manufacturing Java Intern

05/2017 - 05/2018

- Maintained standalone Java and .NET applications for manufacturing plants, ensuring continuous operational uptime and cross-platform compatibility.
- Contributed to internal software solutions designed to streamline production workflows within the countertop manufacturing division.

EDUCATION

IT-Software Development Associate's Degree

Chippewa Valley Technical College

SKILLS

AI-Augmented Development: Advanced prompt engineering, GPT-4 to accelerate delivery, implement cross-language solutions, refactor complex legacy projects, workflow automation using Claude (Sonnet)

Core Engineering: API Design, Database Management (SQL/Oracle), Legacy System Modernization, System Architecture

DevOps & Automation: AWS, custom automation via Datadog MCP, Docker, GitLab CI/CD, GitLab Wiki dashboard with integrated pipeline triggering, Xray/Jira APIs

Enterprise Architecture: Messaging (ActiveMQ/JMS), Microservices, modern automation frameworks (Karate, Rest Assured)