Justin McLain

Chicago, IL 60657
224-622-6920
justinkeithmclain@gmail.com

Portfolio

Linkedin - Justin McLain

Software Engineer with 2+ years of experience supporting and modernizing internal systems, automating workflows, and collaborating across engineering and operations teams. Experienced in Python, web technologies, databases, and system migrations, with a strong focus on reliability, documentation, and operational efficiency.

EXPERIENCE

Mintel - Software Engineer I - Chicago, IL
November 2023 – March 2026

- Rebuilt a legacy Visual Basic 6 application using Python, Django, React, TypeScript, AJAX, and MySQL, reducing system errors by ~30% and improving page load performance by ~40% while modernizing the tech stack for long-term maintainability.
- deployment time by ~30% through infrastructure standardization.
- Retired multiple deprecated internal systems by consolidating functionality into active platforms, eliminating terabytes of legacy data and reducing operational costs by ~20%.
- Designed and implemented internal landing pages and workflow tools, reducing manual data entry time by 3+ hours per week per user and improving team efficiency by ~15%.
- Built backend automation features (downloads, email workflows, image retrieval) using PHP and MySQL, decreasing manual processing tasks by ~25% and improving data consistency.
- Led migration of legacy codebases from SVN to GitLab and upgraded Python applications from 2.6 → 3.11, reducing build failures by ~35% and enabling CI/CD pipelines that cut release cycles from days to hours.

Mintel – IT Operations Coordinator - Chicago, IL
November 2022 – March 2026

- Managed work tracking across Jira, Confluence, and GitLab in an agile environment, supporting 10+ internal systems and improving team visibility into project status and blockers.
- Resolved 3,000+ tickets and bugs, maintaining a ~95% SLA adherence rate and consistently meeting response time targets.
- Coordinated cross-functional project timelines across 5 teams, improving delivery predictability and reducing missed deadlines by ~20%.
- Authored and maintained technical documentation for legacy and modern systems, reducing onboarding time for new team members by ~30%.

Northern Illinois University — BS in *Computer Science, 2022*
William Rainy Harper College - *AAS in Computer Science, 2020*

TOOLS
Jira, Confluence, Open Secure Shell, Visual Studio Code, Cursor, GIT, GitHub, GitLab, SVN, Docker, AWS, VMware, VIM, Termius, PuTTY, Nagios, Grafana, AWS, Microsoft Office Suite, Excel

SYSTEMS
Ubuntu / Linux, Windows, Mac, Unix Terminal, MySQL, Postgres

CERTIFICATIONS
IBM Z Xplore Advanced Award, OWASP Certification

LANGUAGES & FRAMEWORKS

SQL, Python, HTML, CSS/SCSS, React, JavaScript, TypeScript, SASS, PHP, Bash, Django, PyTest, REST,