

Lucas Leiby

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Work Experience

Prime Access Consulting | Software Developer (January 2023 -March 2025)

- Architected Django + Slack app to automate internal tasks such as cache clearing and policy lookup, reducing task time from minutes to seconds
- Engineered Docker setup for local dev of custom company theme
- Facilitated company website deployments via SSH and SpinupWP, including server and Cloudflare cache handling
- Deployed client Node app using Docker for streamlined team accessibility evaluations on VPS, configured via Nginx reverse proxy and SSL for secure access under company domain
- Implemented speech, volume, and rate controls for custom accessibility keypad enabling blind users to interact with museum kiosks
- Spearheaded development of two Hugo-based companion websites providing accessible wall text and image descriptions for blind museum visitors via QR code integration
- Coordinated accessibility-driven CSS updates to improve text spacing and formatting on live Hugo site based on teammate feedback
- Deployed Flask-based live multiple-choice game for 500+ users at conference and convention events, built and launched under tight two-week deadline
- Researched accessibility gaps in IIIF spec and common image viewers, drafting proposed metadata enhancements to support alt text and visual descriptions
- Recovered from production DB failure in a Rails app by rescuing unmounted Docker volume and documenting recovery steps
- Planned and triaged internal tool and web app projects, converting Slack feedback into GitHub issues with scoped estimates and dev notes

Skills

- Languages: Python, Java, HTML/CSS/JS
- Frameworks: Django, Flask
- DevOps/CI/CD: Docker, Nginx, Linode, DigitalOcean, Fly.IO, GitHub Actions

Education

University of Pittsburgh | Bachelor of Science in Computer Science, Cum Laude, Pittsburgh, PA, 08/2022

Technical Projects

- Engineered Docker project for local WordPress development and production deployments
- Designed background desktop app providing Spotify keyboard controls for screen reader users
- Automated Hearthstone patching for screen reader accessibility
- Deployed URL shortener for free and personal use amongst friends and family