# 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