# Lucas Leiby

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## Work Experience

### *Prime Access Consulting | Software Developer (January 2023 – March 2025)*

* Architected Django app with Slack integration to automate internal tasks such as cache clearing and policy lookup, reducing task time from minutes to seconds
* Engineered Docker setup to onboard contractors in a single afternoon, replacing multi-day manual steps with automated scripts and Docker Compose
* Deployed company websites via SSH and SpinupWP, managing servers and Cloudflare cache
* Automated Word-to-Excel client report generation, replacing a 10-minute manual task with a fast and reusable script
* Deployed client app with Docker on DigitalOcean server, configured with Nginx and SSL to allow teammates to securely run accessibility evaluations in the browser without local setup
* 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 multiple-choice game to engage over 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 Postgres 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, JavaScript
* Frameworks: Flask, Django
* DevOps & Cloud: Docker, Nginx, Linux/Unix, Cloudflare, Linode, DigitalOcean, Fly.io
* CI/CD & Automation: Git, GitHub Actions
* CMS & Hosting: WordPress, SpinupWP

## Education

University of Pittsburgh, Pittsburgh, PA

B.S. in Computer Science, Cum Laude (August 2022)

## Technical Projects

* Dockerized WordPress dev and production pipeline for local and cloud hosting
* Built Spotify keyboard control desktop app for screen reader accessibility
* Automated Hearthstone patching to provide accessibility for blind users
* Deployed URL shortener for friends and personal use with custom domain