
ALDER RHODES

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FULL-STACK DEVELOPER | BACKEND ENGINEER

Quality-focused full-stack developer with 10+ years of technical experience, which includes building and maintaining stable, secure, and reliable web applications. Brings expertise in Python, Java, Docker, LAMP, SQL, Drupal, and ETL pipelines. Team-player who works across functions, communicates clearly, and collaboratively solves problems. Takes web projects from design to delivery, deploying solutions that perform consistently, meet user needs, and support scalable growth.

Core Competencies

Backend Engineering · Python · Java · Docker · LAMP Stack (Linux, Apache, MySQL, PHP) Development
Cloud Computing · ETL Pipelines · System Infrastructure · APIs · Testing · Software Observability
Software Engineering · Frontend Development · Debugging · Website Migration · System Improvement
Relational Databases · SQL · Documentation · Written & Verbal Communication · Team Collaboration

EXPERIENCE

UNIVERSITY OF WASHINGTON 2023–2025
Senior Computer Specialist | Full-Stack LAMP Developer Seattle, WA

- Collaborated with team to migrate 7 websites from Drupal 7 to Drupal 8, participating in code reviews, development, testing, and rapid iteration to meet milestones and business needs.
- Engaged with stakeholders to take design mock-ups from discussion through implementation. This included creating a mobile-first, responsive layout for a website slated for migration.
- Used Docker to replicate production environments for testing, debugging, and issue resolution.
- Built and validated SQL queries on local copies of production databases, ensuring accuracy and data integrity before deploying changes.
- Single-handedly completed a previously outsourced website migration within 2 weeks.

CORPORATION FOR PUBLIC BROADCASTING (CPB) 2022–2023
Web Designer Washington, DC

- Initiated and led processes to launch a Drupal 10 website, including theme design, full content audit, and content-ownership mapping to improve site governance and scalability.
- Wrote clear and concise technical documentation that facilitated business continuity.
- Maintained webpage of CPB's online job board, initially clearing out a 40-item backlog within 2 weeks and then adding ~12 new postings weekly.

TEN7 (digital development agency) 2020–2022
Web Developer Minneapolis, MN

- Maintained client websites, added new features, debugged errors, resolved performance issues, and completed timely security upgrades, driving contract compliance and customer satisfaction.
- Using Drupal, built, configured, uploaded video to, and integrated a tour section into a client's website.
- Stood up infrastructure for transfer of 2 sites to new web hosting services, leveraging Docker containers, Kubernetes, Ansible, and other DevOps solutions for system deployments.

CYBERCODERS (recruiting firm) 2019–2020
Web Developer, Boston Museum of Science Contract Boston, MA

- Partnered with client to complete the front-end overhaul of a website powered by Drupal. Built a complex page that featured an interactive map with an innovative resizing function.

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EXPERIENCE, continued

TINY GARDEN CLUB LLC (independent web development company) 2014–2019
Freelance Web Designer Everett, MA

- Steered web design and migration projects for nonprofit and commercial clients. This included transitioning a nonprofit website from an unreliable platform to a more flexible and secure host.

OMNITI COMPUTER CONSULTING (IT services provider) 2012–2014
Web Engineer Fulton, MD

- Worked in an Agile development environment to build robust LAMP-stack web applications.
- As lead developer for a custom PHP e-commerce solution, assessed existing checkout workflows, identified areas for improvement, and documented structures for future reference.

EARLY CAREER HIGHLIGHTS

- As a **founding engineer** at **Guddina Coffee**, built an e-commerce site from the ground up. This included a Stripe payment system that handled transactions and subscriptions over API.
- As a **web developer** at **SSATI**, created a mini-app that automated documentation and secure artifact delivery for product releases. This reduced a week-long manual process to just 15 minutes.
- As a **programmer** at **Aegis**, built and enhanced ETL pipelines to finalize data formats for the web.
- Created a user interface for a metadata/image handling system and a custom installer, generating actionable data and enhancing observability into transaction processing.

EDUCATION & CERTIFICATION

- **Bachelor of Science** in information systems, University of Maryland Baltimore County (UMBC)
- **User Experience, Web and Mobile Development Certificate**, UMBC

ADDITIONAL INFORMATION

- **Technical Skills:**
 - **Programming Languages & Platforms:** Linux, BSD, Windows, macOS, iOS, Android, webOS, HTML, XHTML, CSS, SASS, LESS, JavaScript, PHP, Python, Java, C, C++, Rust, JSON, XML, YAML, TOML, INI, Bash, Zsh
 - **Frameworks, CMS, & Libraries:** Drupal, WordPress, Django, Symfony, CodeIgniter, Bootstrap, Bulma, Skeleton, jQuery, jQuery UI, jQuery Mobile, Enyo, Mezzanine, Cartridge
 - **Databases:** MySQL, MariaDB, PostgreSQL, SQLite
 - **Tools & Development Environment:** Git, SVN, CVS, Composer, pip, venv, Drush, DDEV, Vim, Neovim, Nano, Sublime Text, Eclipse, JetBrains IDEs, Kate, Notepad, FlightDeck
 - **DevOps & Infrastructure:** Kubernetes, Ansible, CI/CD pipelines, Apache (HTTPD), NGINX, Linux/BSD/macOS server administration, DNS, VPS configuration, web hosting, DigitalOcean
 - **Design & Creative Tools:** Adobe Creative Suite; Affinity Designer, Photo, and Publisher; Inkscape; GIMP; Krita; Scribus; Visio; OmniGraffle; Dia; Blender; OpenSCAD; ImageMagick
 - **Business & Collaboration Tools:** Microsoft Office 365, LibreOffice, Apple iWork, CryptPad
 - **E-commerce & Networking:** Shopify, Fourthwall, REST, HTTP, AJAX, SSH, Samba, XMPP
- **Volunteerism:**
 - **Veilid Framework:** Vice president of communications, 2023–present
 - **Hackers.Town:** Community moderator, 2019–present