Carla Cairns

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WORK EXPERIENCE

Expeditors International   **May 2022 – Present**
Software Developer II | August 2023 - Present   *Mobile, AL*

- Key role and subject-matter expert in maintaining, developing, and configuring Red Hat Enterprise Linux (RHEL) 6-8 servers across the department. Responsible for the configuration of Web Apps and software.
- Sole developer and subject-matter expert for implementing department-wide monitoring using the Elastic Stack (Beats, Logstash, Elasticsearch, Kibana) for application logs, server metrics, and alerting.
    - Previously, there was **zero** visibility for other teams.
- Steward of critical business-dependent workflow management platform, Apache Airflow (Python). Responsible for upgrades and configuration.
- Collaborate with the team to perform database migrations, develop, test, document, and troubleshoot code, REST APIs, and CI/CD pipelines for our applications.

Associate Software Developer | May, 2022 – August, 2023

- Removed technical debt and increased efficiency across multiple teams by innovating a containerized local testing environment for a critical business-dependent workflow management platform, Apache Airflow, utilizing Docker.
- Became the subject-matter expert for Apache Airflow configuration and code development.
- Within my team, I implemented monitoring for Linux (RHEL) servers and web application logs utilizing the Elastic Stack.
    - Previously, there was **zero** visibility.
- Collaborated with team members during each phase of the software development life cycle for our Web Apps.

Self Employed   **August 2020 – Present**
Full Stack Developer / Web Admin   *Remote*

- For clients, I develop both the front and backend of their Web Apps, as well as configure and administer Debian Linux hosting environments, and networking.
    - Web Apps are developed with Express.js/Node.js, MongoDB, and JavaScript with Webpack.
    - Web servers include Apache and NGINX.
- Monitor site traffic and improve Search Engine Optimization (SEO).

CERTIFICATIONS, SKILLS & INTERESTS

- Created a complete, usable, and custom built from source foundation-level Linux system (Linux From Scratch).
- **Certifications:** Red Hat Certified System Administrator (RHCSA): *In Progress*
- **Skills:**
    - Highly skilled in Linux RHEL(6-8) & Debian, Elastic Stack (ELK: Beats, Logstash, Elasticsearch, Kibana), Docker, Linux server and Application Configuration
    - Languages, Libraries, Frameworks: Python, Bash, Javascript/HTML/CSS, SQL, Node.js, Express.js
    - Tools, Software, Databases, Methodologies: CI/CD, Git, Ansible, Apache Web Server, NGINX, Apache Airflow, PostgreSQL, MSSQL, Agile / SCRUM
    - Fluent in Spanish
- **Interests:** Literature, Pilates, Learning

EDUCATION

Colorado School of Mines   **August 2017 - May 2019**
Computer Science   *Golden, CO*

- Relevant coursework: Software Engineering, Computer Organization, Data Structures, Linux OS, Discrete Mathematics
- Left college prior to graduation in order to pursue my career.