KIMBERLY COTTRELL
Senior Full Stack Engineer

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SUMMARY

Senior Full Stack Engineer with experience across multiple programming languages, databases, and tech stacks.

☐ Developed strong design, implementation, testing and requirements tracing skills through work projects.

☐ Currently freelancing and building a personal application in Golang and Vue.js, with AI/ML, SQL & Docker

Skills:

- *Docker*
- *Python*
- *PHP*
- *CSS*
- *Javascript*
- *Vue.js*

- *Bash*
- *Wordpress*
- *TailwindCSS*
- *SQL*
- *MySQL*
- *PostgreSQL*

- *Terraform*
- *Jenkins*
- *Github*
- *Kubernetes*
- *AWS*
- *Linux*

PROFESSIONAL EXPERIENCE

THE MOTLEY FOOL, Alexandria, VA   **January 2018 – April 2023**
DevOps Developer (US Division)   *March 2020 – April 2023*

- Implemented a secure and efficient local development environment using Docker and HTTPS, resulting in a significant reduction in downtime for developers and increased productivity.
- Maintained and enhanced critical in-house Django websites, bridging the gap between internal technology and third-party tools effectively.
- Optimized essential components including load balancers, caching systems, CI/CD configurations, and monitoring systems to ensure optimal performance.
- Automated migration processes to cloud services such as AWS, Cloudflare, and Fastly through Bash, Python, or Terraform scripting, eliminating manual labor and streamlining operations.

Senior Full Stack Engineer (Global Division)   *January 2018 – March 2020*

- Developed and maintained international multi-site WordPress plugins connecting with WP API, an e-commerce vendor, message queue, and various in-house and third-party services.
- Prototyped migration code to transition the team from Mercurial to Github, streamlining and modernizing our tech stack.
- Upgraded localdev stack from Vagrant to Docker, reducing potential downtime by 1-2 days per week for six developers.
- Solely managed CI/CD needs, including upgrading PHP from 5.6 to 7.2 and subsequent minor versions of PHP 7 upgrades.

EDUCATION & CERTIFICATIONS

Michigan Technological University, Houghton, MI (attended)

MySQL 5 DBA Part 1 - issued Jun 2012
MySQL 5 Developer Certified Professional - issued Sep 2011