

Cyrus Bond

SITE RELIABILITY & DEVSECOPS ENGINEER · CLOUD ARCHITECT · ENGINEERING MANAGER

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Summary

Entrepreneurial engineer with a creative and pragmatic approach to engineering new solutions or refactoring existing systems. 10+ years of experience architecting and implementing application and database solutions in data centers and many cloud environments. Specialized in self-healing solutions that are resilient, scalable, and cost-efficient: including logging, monitoring, and alerting systems. Extensive experience implementing build and release pipelines that incorporate test suite coverage, code analysis, and vulnerability scanning. Proven results empowering and leading teams to deliver quality code and foster collaboration between business units. Production experience handling sensitive data and working with compliance standards like HIPAA, HITRUST, FedRAMP, PCI DSS, & DoD CC SRG.

Skills

Cloud Providers & IaaS: AWS, Google Cloud Platform, Microsoft Azure, IBM Cloud, Rackspace, Heroku, OpenStack
Servers & Platforms: Ubuntu, RHEL, Alpine, Windows Server, Docker, Kubernetes, Minikube, OpenShift, Serverless
Integration & QA: Jenkins, GitLab CI, CodePipeline, SonarQube, Bamboo, Azure DevOps, Selenium, Drone
Networking & Pen Testing: Kali, Wireshark, Snort, Metasploit, Nmap, OSSEC, Burp Suite, Aircrack-ng, OpenVAS
Infrastructure & CD: Ansible, Terraform, CloudFormation, ARM, Packer, Chef, Puppet, Salt, Consul
Database & Analytics: PostgreSQL, MySQL, Redshift, Aurora, MongoDB, Kinesis, Oracle DB, MSSQL, Hadoop
Logging, Monitoring & Alerting: Splunk, CloudWatch, New Relic, Datadog, Prometheus, Nagios, ELK, PagerDuty
Artificial Intelligence & ML: SageMaker, Rekognition, TensorFlow, PyTorch, CUDA, Keras, OpenCV, pandas, Lex
Programming & Scripting: Python, Go, Ruby on Rails, Java, Bash, PowerShell

Work Experience

Bellese Technologies, LLC

Remote

LEAD SOFTWARE ENGINEER & DEVOPS MANAGER

2019 - Current

- Lead a team of six engineers to modernize and migrate over 60 apps and 20 databases located in a data center to AWS with zero down time or outages.
- Saved over \$410k per year by appropriately sizing each environment and resource, refactoring services to utilize serverless/container based architecture, and implementing time and utilization based auto-scaling rules.
- Designed CI/CD pipelines to incorporate static and dynamic code scanning, automated builds and releases to various environments, and wrote test suites to validate deployments and availability of services.

Passport Labs, Inc.

Remote

SENIOR DEVOPS ENGINEER

2017 - 2019

- Responsible for the automation, uptime, and scaling of a global SaaS transportation and mobility platform with over 6 million daily users, serving tens of thousands requests per second multiple times during the day.
- Implemented cross-regional automated CI/CD pipelines that enabled deployments to lower environments and production multiple times per day.
- Analyzed and refactored a legacy monolithic code base into numerous individual services. I.e., moved from a classic three tier monolithic app to a modern microservice-based architecture.

CyberSponse, Inc.

Remote

DEVOPS MANAGER & PRINCIPAL ENGINEER

2016 - 2017

- Remotely lead and managed two teams: one in Pune, India and one in Dallas, TX. Conducted monthly sprint planning, daily standups, and weekly one-on-one sessions with team members.
- Implemented build and release pipelines, automated endpoint testing for the application suite and infrastructure, and designed a novel package distribution system for our SaaS platform and on-prem application deployments.
- Migrated all physical assets to AWS saving \$3500 per month with zero downtime or data loss during the migration.
- Expanded our SaaS platform to include two additional cloud providers and created an on-premise deployment system, enabling additional sales that increased our quarterly reoccurring revenue \$7,000.

IBM Watson Health

Dallas, TX & Remote

PRINCIPAL DEVOPS ENGINEER & TEAM MANAGER

2015 - 2016

- Architected CI/CD pipelines that integrated two datacenters and three cloud environments enabling daily deployments to production.
- Lead a team of four engineers by conducting daily standups, retrospectives, and one-on-one sessions as needed.
- Responsible for application cloud migrations projected to take twelve months to complete: the task was accomplished over a three month period.

Trinity Industries, Inc.

Dallas, TX

SYSTEMS & DEVOPS ENGINEER

2014 - 2015

- Saved \$25,000 per year by introducing automation, continuous integration, and configuration management to multiple environments.
- Designed systems of automation for over seven hundred servers that included patching, deployments, self-healing web-services, and compliance reporting.
- Served as the final escalation point for systems and server related issues.

Bond Solutions, LLC

Fayetteville, AR

CLOUD ENGINEER & OWNER

2010 - 2015

- Provided business consultation services that included systems engineering, cloud migration & adoption strategies, and devised automation solutions for a variety of business needs.
- Clients and customers included established small and medium sized businesses, as well as SaaS/PaaS based startups.

Education

University of Arkansas

Fayetteville, AR

BACHELOR OF ARTS, MAJOR IN PHILOSOPHY, MINOR IN COMPUTER SCIENCE

2014

Senior Thesis: Happiness in Ludwig Wittgenstein's Tractatus Logico-Philosophicus: A Tractarian Account of Happiness

Arkansas State University

Searcy, AR

ASSOCIATE OF APPLIED SCIENCE, EMS - PARAMEDIC TECHNOLOGY

2009

Awards

- 2009 **NREMT-P** State and nationally licensed paramedic. Additionally certified in BLS, ALS, PALS, ATLS, and ACLS.
- 2006 **Eagle Scout** Earned the rank of Eagle Scout - Boy Scouts of America.
- 2006 **Brotherhood Membership** Order of the Arrow - National Honor Society of the Boy Scouts of America.
- 2006 **Certificate of Appreciation** The National Society of the Sons of the American Revolution.
- 2004 **Networking Concepts** 1st Place State Competition - Future Business Leaders of America - Phi Beta Lambda.