

# Brian Moyers

Staff Software Engineer — Infrastructure, CI/CD, Cloud & AI Automation

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## SUMMARY

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Software engineer with 20+ years of experience building, scaling, and fixing the infrastructure that development teams depend on. My specialty is systems in motion — taking infrastructure that's already running in production and making it faster, smarter, or more automated without breaking what the business depends on today. I'm most effective when the environment is constrained and the problem is genuinely hard.

I spent the first half of my career mastering Software Configuration Management and build systems at enterprise scale. Over the last decade I extended that foundation into cloud infrastructure, container orchestration, and CI/CD automation across Kubernetes, OCI, OpenShift, and Jenkins. Most recently I have been introducing AI agent workflows and LLM-driven automation into established production systems — finding the seams where modern capabilities can be retrofitted without rewriting what works.

Colleagues and senior stakeholders consistently describe me as the person who makes other engineers more effective: someone who finds answers, documents them clearly, and ensures the whole team benefits. I work independently, communicate at any level of technical depth, and bring the same thoroughness to a critical production incident as to long-term architectural planning.

## EXPERIENCE

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### Oracle Corporation — Remote

*Software Engineer, Infrastructure (IC5 / CMTS) | June 2008 – Present*

Seventeen years building and maintaining development infrastructure for Oracle's Fusion Middleware and WebLogic product lines. Scope has expanded steadily from SCM and build engineering into full-stack cloud infrastructure automation and AI-assisted developer tooling — consistently advancing architecture on running systems without pulling teams off their delivery commitments.

#### Cloud Infrastructure & Automation

- Led Dev2OCI migration, moving development workloads from legacy on-premise UNO assets to Oracle Cloud Infrastructure; enabled decommissioning of ~50% of legacy UNO capacity
- Engineered enhancements to Oracle's Jenkins OCI Plugin for on-demand VM provisioning, directly reducing idle OCI compute costs
- Automated end-to-end OpenShift cluster provisioning for WebLogic Operator testing; automation adopted by OSM and additional Oracle product teams
- Resolved Kubernetes JVM CPU resource constraint issue affecting production pod performance in collaboration with the Java engineering team

#### AI Automation (2023–Present)

- Designing LLM agent workflows and agentic automation systems targeted at live production infrastructure — introducing AI capabilities into established pipelines without disrupting operations
- Identifying the exact points in running systems where intelligent automation can take over repetitive, fragile processes and execute them more reliably
- Applying statistics and ML foundations (M.S. Statistics, UC Davis) to infrastructure observability, anomaly detection, and capacity forecasting

#### CI/CD & Developer Productivity

- Designed and maintained CI/CD pipelines across Jenkins, OCI, Kubernetes, and OpenShift for multiple FMW product teams
- Standardized PCA template creation for FMW development teams, providing baseline automation that unblocked parallel development workstreams

- Implemented Oracle security compliance requirements across SCM systems; served as go-to CI/CD consultant across Oracle Product Development

#### **Organizational Impact**

- Acted as team lead in manager's absence; informally mentored engineers and led cross-org technical coordination
- Recognized by IC6/Architect peers as having transitioned from 'doer' to 'teacher' — consistently documenting processes and building knowledge transfer systems so teams become self-sufficient
- Commended by program directors, architects, and senior management across multiple Oracle product organizations

#### **BEA Systems Inc. — Remote**

*Staff Software Engineer, Infrastructure | October 2006 – June 2008*

- Enterprise SCM architect for BEA engineering organization (1,000+ Perforce users)
- Consolidated Perforce depots onto standardized data center hardware
- Led source code migration from acquired companies (CVS to Perforce, multi-system merges)

*Sr. Software Engineer, Infrastructure | August 2001 – October 2006*

- Managed large-scale Perforce SCM for 1,000+ concurrent users; multi-platform sysadmin (Solaris, HP-UX, Linux, Windows)
- Software development in Shell, Perl, Make, ANT; enterprise storage including Network Appliance Filer configuration

#### **Independent Contractor — San Francisco Bay Area, CA**

*Systems Architect / SCM Engineer | 2001*

- Designed secure networks, 3-tier e-commerce stacks (Apache/Tomcat/JBoss/PostgreSQL/Oracle), and Linux VPN/firewall infrastructure
- Perforce SCM administration for Java development teams at New Vine Logistics and Mixonic

#### **Wine.com — San Francisco, CA**

*Lead Systems Engineer | January – April 2001*

#### **SKILLS**

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**Cloud & Infrastructure:** Oracle Cloud Infrastructure (OCI), Kubernetes (K8s), OpenShift, Terraform, Helm, Docker, Artifactory

**CI/CD & Build:** Jenkins, OCI DevOps, GitHub Actions, Perforce, Git, ANT, Make, Groovy

**AI & Automation:** LLM agent workflows, agentic AI design, in-flight system modernization, AI-assisted developer tooling

**Languages:** Python, Bash/Shell, Perl, Groovy, YAML

**Systems:** Linux (RHEL, Ubuntu), Solaris, Windows Server, Network Appliance Filers

**Practices:** DevSecOps, SCM best practices, capacity planning, infrastructure cost optimization, technical documentation

#### **EDUCATION**

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**M.S. in Statistics** — University of California, Davis

**B.A. in Mathematics / Computer Science** — Berea College

#### **EXTERNAL CONTRIBUTIONS**

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- Guest lecturer on SCM best practices and CI/CD pipeline engineering at Berea College, Berea, KY
- Perforce user conference working group — co-authored enterprise SCM best practices for large-scale software organizations