Jared Patrick Moser

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GitHub: [jaredpmoser/github-portfolio](https://github.com/jaredpmoser/github-portfolio)

**Summary**

Engineering leader with extensive cloud expertise and managed services experience supporting GCP, AWS, Azure, IaaS, PaaS, and SaaS environments. Demonstrates a robust track record in designing scalable cloud architectures and related technologies. Proven in implementing detailed design patterns and maintaining object-oriented development standards to deliver secure, testable code. Committed to clear client communication and operational excellence across dynamic cloud infrastructures. A strategic leader aligning technical roadmaps with business objectives to enhance operational reliability and performance.

**TOP SKILLS**

* **Cloud Platforms & Virtualization**: GCP, AWS, Azure, Cloud, Kubernetes K8’s, Docker, Serverless Functions, Micro Services, Monolithic. SQL, NoSQL, DataLake.
* **DevOps Tools & CI/CD**: Jenkins, Git, Git-Flow, Git-Actions, Argo, Git-Lab, GitHub, Terraform, HELM, Subversion, Git,

Blue/Green, Canary Deployments strategies, Zero Touch Full automation deployments.

* **Source Control & Repositories**: Subversion, GIT, Git-Flow, GitHub, GitLab
* **Programming & Scripting**: PHP, Python, Perl, Java, Go,, JavaScript, Angular, HTML5, CSS3, Rust, J-Unit, Cucumber.
* **Servers & System Administration**: Tomcat, WebLogic, Apache, RHEL, Solaris Linux, Windows, AIX, AS400, SQL, NoSQL,
* **Methodologies & Management**: Agile, Scrum, Jira, Senior Leadership, Lean Six Sigma (LSS), , Modern Architecture Strategies, Micro-Service Architecture, Serverless, Testing Best Practice, Project Management.
* **Monitoring & Performance**: Splunk, NewRelic, Datadog, Apica, Dynatrace, SonarQube, Application Performance, J-Unit, LoadRunner,
* **Security & Compliance**: Security, Compliance, SOX, FED-RAMP, FOSS FinOps.
* **Core Competencies**: Advanced Cloud Engineering Knowledge, Full Stack Development Engineering and Leadership, Security, FinOps, and Compliance, Modern Architecture Best Practices, Application Performance Management, Advanced Cloud Architecture   
  / Engineering Designs
* **Architecture & Leadership**: Senior Leadership, Modern Architecture Strategies, Advanced Cloud Engineering Knowledge, Full Stack Development Engineering and Leadership, Modern Architecture Best Practices, Application Performance Management, Advanced Cloud Architecture / Engineering Designs, FinOps Leadership.

**Experience**

**USA Info Tech (EPS/CMS Project) Dec 2024-**

*Solutions Architect*

Served as the Solutions Architect for the EPS on CMS system, managing scalability and overall solution delivery.

* Reviewed current and future architectures to align technology with business needs.
* Conducted POCs and delivered solutions including SAML 2.0 IDP, Redis cache implementation, and DevOps Guru integration.
* Migrated internal app caching to Redis while transitioning Java APIs from ECS to Lambda.
* Collaborated with business stakeholders and end users to meet project goals and ensure rapid performance improvements.
* Reviewed SLO/SLI of user journeys to provision consistency and drive infrastructure enhancements.

**Equifax (Work Force Solutions) Oct 2022 - Dec 2024**

*Principal Engineer, Infrastructure Architect*

Led a high-performing SRE team to design and implement modern SRE standards, enhancing platform reliability, security, and compliance.

* Managed engineering teams responsible for both front-end (Angular and React) and back-end (Java) developments to create robust and fast architectures.
* Collaborated cross-functionally with senior leadership, digital teams, and product managers to align on technical roadmaps and drive SRE transformations.
* Developed and maintained SLO/SLI frameworks with error budgets, achieving 99.99% availability month over month.
* Implemented containerized 12-factor architecture and built an Istio service mesh to improve network management and infrastructure resilience.
* Implemented PITR for improved Recovery time Objective (RTO) / Recovery Point Objective (RPO) DB recovery.
* Managed Exceptional Mean Time to Resolve (MTTR) / Mean time to Acknowledge (MTTA) for On Call improvements.
* Built Blue / Green and Canary Deployment strategies
* Drove zero-touch delivery pipelines and continuously enhanced security and compliance protocols in line with ITIL best practices.

**Accenture Federal Services Apr 2021 - Oct 2022**

*Cloud Architect*

* Acted as the primary technical lead and architect for projects on Google Cloud Platform, overseeing full application lifecycle from development to deployment.
* Managed a cross-functional team including Angular developers, Java developers, database engineers, and testers, ensuring timely delivery and continuous process improvements.
* Designed cloud-native architectures utilizing microservices and GitOps strategies, enhancing client environments with modern deployment methods.
* Configured and administered Azure Active Directory to secure authentication processes, aligning with managed services frameworks.
* Developed technical architecture and documentation, conducted Architecture Decision Reviews (ADR), and collaborated with Google lead architects to drive product improvements and cloud operational excellence.
* Built Zero Touch Blue/Green Deployments will full regression testing and performance testing quality gates.

**Second Watch May 2020 - Apr 2021**

*Application Performance Architect*

* Architected and managed AWS services for client infrastructures, covering networking, security, databases, storage, and automatio
* Optimized performance by deconstructing call stacks and eliminating redundant calls while migrating services to asynchronous operations.
* Consulted with clients and internal stakeholders on proactive engineering tasks and infrastructure enhancements.
* Trained and mentored operations engineers on best practices and new technologies.
* Built and documented client environment solutions, identifying and negotiating infrastructure improvements from requirements to testing and training.

**Enterprise Holdings Nov 2015 - Apr 2020**

*Senior Middleware Engineer II / Dev Ops Engineer*

* Led initiatives to standardize Tomcat architecture by transitioning from AIX and RHEL environments to a platform-agnostic standard.
* Assisted development teams in J2EE and JavaScript projects, ensuring reliable middleware performance and system integration.
* Operated within a DevOps structure that emphasized CI/CD practices and ITIL methodologies, facilitating timely issue escalation and incident resolution.
* Coordinated with cross-functional teams using tools such as Jenkins, Ansible, Git, and Jira to support continuous integration and delivery in a managed services environment.

**CenturyLink Business for Enterprise Jun 2012 - Nov 2015**

*Systems Engineer - Hosting Incident Response*

* Engineered and maintained Linux and Windows systems to support hosting operations.
* Provided middleware support for environments using WebLogic, WebSphere, PHP, and LAMP architectures.
* Administered F5 (BigIP) devices including maintenance and iRule updates, ensuring high performance and security.
* Delivered RHEL system support and timely incident response following ITIL best practices.

**Education**

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| **Webster University** | **2009 - 2012** |
| *Computer Science*  *Bachelors of Science* | |
| **Saint Louis Community College** | **2009 - 2011** |
| *Associate of Arts (A.A.)* | |

**Licenses & Certifications**

* **Red Hat Enterprise Linux II**: Red Hat Enterprise Linux II
* **AWS Technical Professional**: Amazon Web Services (AWS)
* **AWS Business Professional**: Amazon Web Services (AWS)
* **AWS Cloud Economics**: Amazon Web Services (AWS)
* **AWS Certified Cloud Practitioner**: Amazon Web Services (AWS)
* **GCP Associate Cloud Engineer**: GCP Associate Cloud Engineer
* **GCP DevOps Practitioner**: GCP DevOps Practitioner
* **GCP Cloud Digital leader**: GCP Cloud Digital leader
* **Microsoft Azure Solutions Architect**: Azure Solutions Architect (AZ305)
* **Terraform Associate Cert (003)**: Terraform Associate Cert (003)