**BRIAN FOHL**

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Engineering leader and technical architect with 20+ years of experience, including direct leadership of healthcare technology initiatives at CMS. Proven track record of building and managing high-performing engineering teams while delivering mission-critical solutions in regulated federal environments. Expert in fostering innovation, driving technical excellence, and scaling engineering practices across distributed teams.

**SKILLS  
Leadership:** Agile, Scrum, Story Estimation, Engineering Team Leadership, Remote Team Management, Mentoring, Resource Planning & Estimation, Change Management, JIRA, Confluence.  
**Healthcare & Compliance:** Federal Healthcare Systems, HIPAA, Public Trust Clearance. **Cloud & Infrastructure:** AWS (EKS, S3, RDS Aurora, Redshift, EC2, NLB, Secrets Manager), Kubernetes, Terraform, VMware ESX.  
**CI/CD & Automation:** Jenkins, GitHub Actions, GitLab CI, Bitbucket, Ansible, Helm, Kustomize.  
**Programming & Scripting:** Python, Java, Bash, Groovy, Go, JavaScript, Node, Ruby.  
**Databases:** MySQL, PostgreSQL, SQL Server, Oracle.  
**Monitoring & Logging:** Prometheus, Grafana. **Code Quality & Security:** SonarQube, Fortify.

**PROFESSIONAL EXPERIENCE  
Senior DevSecOps Engineer** - Revacomm / Intellibridge OCT 2020 - Present

**Pipelines Subject Matter Expert** - Centers for Medicare & Medicaid Services, DHHS OCT 2023 - Present

* Led a distributed team of 8 engineers in modernizing CMS healthcare systems, implementing CI/CD pipelines that reduced deployment times by 40% while maintaining strict healthcare compliance requirements.
* Guided the development and prototyping of migration plans from GitLab CI to GitHub & Jenkins, strategically enhancing CI/CD efficiency and reliability.
* Championed the adoption of new CI/CD tools and methodologies by creating comprehensive documentation and delivering training sessions to application teams; increased tool adoption by 50% and reduced onboarding time for new team members by 20%.
* Managed and automated infrastructure deployments and upgrades using Kubernetes, AWS, and Terraform, optimizing cloud resource utilization, maintaining high availability for critical services, and reducing manual intervention by 40%.
* Collaborated with security teams to ensure CI/CD pipelines adhered to Federal regulations and security best practices, strengthening the overall security posture.
* Leveraged software development expertise to create custom tools and automate scripting, significantly improving the efficiency of DevOps workflows.
* Established engineering best practices and governance frameworks for healthcare application development, ensuring compliance with federal security requirements.
* Provided expert-level support and troubleshooting for CI/CD pipeline issues, ensuring minimal downtime and rapid resolution of problems.
* Successfully obtained Federal Public Trust clearance in 10/2023 which is valid for 5 years.

**Lead DevSecOps Engineer** – Department of Defense, Platform One OCT 2020 - OCT 2023

* Orchestrated the establishment of robust CI/CD pipelines with GitLab and Docker, automating infrastructure for mission-critical applications.
* Guided the DevSecOps team as Scrum Master, utilizing Agile methodologies with GitLab and JIRA to orchestrate cross-functional team dynamics, enhance sprint planning, and achieve a 20% increase in project delivery speed.
* Led solution design and mentored junior DevSecOps engineers, significantly enhancing their soft & technical skills and contributing to overall project success.
* Provided one-on-one mentorship, fostering career development and building strong internal technical capabilities.
* Pioneered the automation of infrastructure provisioning and configuration management using Terraform and Kubernetes, decreasing manual tasks and errors by 35%.
* Utilized AWS to manage and provision scalable and secure infrastructure, supporting the deployment and maintenance of mission-critical applications.
* Implemented comprehensive security practices within the CI/CD pipelines, using Kubernetes and Sonarqube to ensure code quality and compliance, reducing vulnerabilities by 40%.
* Facilitated collaboration between security and development teams to implement compliant CI/CD solutions, improving overall pipeline security.
* Successfully obtained Secret clearance from the DOD.

**Java Developer** - State of Virginia NOV 2019 – JUL 2020

* Engineered a tailored Appeal Management system for the Department of Medicare Services using Java, J2EE, JavaScript, jQuery, and SQL, streamlining operational workflows and reducing processing time by 25%.
* Fostered strong client relations, providing comprehensive technical training and documentation,
* Conducted system analysis and debugging to resolve issues and improve performance, leading to enhanced system reliability and user satisfaction.
* Guided collaboration sessions with cross-functional teams to define requirements, ensuring alignment with stakeholder needs and enhancing the effectiveness of new features.

**DevOps Engineer** - Williams-Sonoma, Rocklin CA APR 2019-SEP 2019

* Innovated CI tools and methodologies using Jenkins, Python, Groovy, Gradle, and Docker, yielding significant time efficiency and cost reduction for Development and QA cohorts.
* Automated deployment processes and configuration management with Terraform and Ansible, reducing manual tasks by 35% and ensuring consistent deployment environments.
* Consolidated and enhanced Jenkins environments, fortifying system reliability through advanced disaster recovery solutions with Kubernetes, Ansible, Sonar, GitHub, and Linux, increasing system reliability by 30%.

**Principal Web Developer** - Flash Car Rental, Sacramento CA NOV 2017 – JAN 2018

* Designed and implemented a new website for the business, with email newsletters, customer testimonials, with tuned search engine optimization (resulted in #1 placement on Google), using HTML, PHP, JavaScript, WordPress, Linux, Google AdWords, SEO.

**Senior Release Engineer** -Google, Mountain View CA SEP 2016 – NOV 2016

* Automated the production release process and CI tools for orbital imaging satellites and ground stations, ensuring mission-critical components like navigation and flight control systems operated seamlessly.
* Developed and maintained CI/CD pipelines using Jenkins, Groovy, and Gradle, improving the efficiency and reliability of software releases by 30%.
* Collaborated with cross-functional teams to integrate cloud services, enhancing the scalability and performance of satellite imaging applications.

**Senior DevOps Engineer** - Thomson Reuters, Sunnyvale CA MAY 2016 – SEP 2016

* Consolidated and enhanced Jenkins environments, fortifying system reliability through advanced disaster recovery solutions and implementing continuous integration and deployment pipelines using Jenkins and Groovy, improving system reliability by 25%.
* Automated AWS infrastructure provisioning and configuration management with Ansible and Docker, reducing manual intervention and ensuring consistent deployment environments.
* Improved build and deployment processes through collaboration with development and operations teams, utilizing Kubernetes and Gradle to accelerate software releases by 30%.

**Consultant** - EdX, Cambridge MA FEB 2016 – MAY 2016

* Oversaw and implemented with Python the transition of an email marketing system, integrating API triggers and improving communication efficiency by 20%.
* Developed new features and enhancements for the LMS using Python and JavaScript, improving the overall user experience and functionality.
* Provided technical support and training to the EdX team, ensuring smooth adoption and optimal use of the new email marketing system.

**Developer Tools & DevOps Consultant** - VMWare, Palo Alto CA AUG 2014 – JUN 2015

* Implemented and maintained configuration and deployment automations for large enterprise clients, using Jenkins, Gradle, and Ansible, improving operational efficiency by 35%.
* Developed and managed Docker container solutions, optimizing application deployment processes and improving scalability across multiple environments.
* Collaborated with client teams to design and implement custom automation scripts and workflows, leveraging AWS and OpenStack to ensure reliable and scalable infrastructure solutions.

**CERTIFICATIONS:** COMPTIA Security+ (February 2023)

**LINKS:** [https://linkedin.com/in/brianfohl /](https://linkedin.com/in/brianfohl%20/) <https://github.com/brianfohl>