JOE FERR
Email me at crowd.grill.9o@icloud.com

EMPLOYMENT HISTORY

IQNavigator/Beeline, 6465 Greenwood Plaza Blvd Suite 800, Centennial CO
Senior SRE/DevOps Engineer. Aug 2015-Present
As a member of an architecture group designed and implemented a rollout of a continuous delivery microservices solution using Docker and Kubernetes. Designed and wrote continuous delivery automation for a multi-cluster/multi-environment Kubernetes environment. Designed and implemented use of Renovate to automatically update docker base images along with language library versions. Designed and wrote custom Kubernetes dashboards and monitoring using Python/Flask. Wrote a full lifecycle micro service security scanning and visualization tool including multiple UI's using trivy and flask with a mongodb backend. Managed and supported multiple multi-node Jenkins build farms and miscellaneous infrastructure components both running in Amazon AWS, Oracle OCI cloud and on premise. Scripted automation using tools/languages such as Python, Ansible, Terraform, Shell, Gradle, Jenkins Gradle DSL, Maven. Supported a rollout and wrote automation for the APM tool instana. Supported and managed Sonotype Nexus, Liquibase, Appdynamics, Splunk. Initiated and led a conversion from Perforce to Gitlab Enterprise including installation, history conversion, training, support and design and implementation of backup and recovery processes. Provided training and support to a development team on version control tools and best practices. Designed and implemented code branching strategies. Presently working on a full product implementation using the azure cloud

Davita, 2000 16th St. Denver, CO 80202
Senior Software Configuration Manager/DevOps. Jan 2014-June 2015
Managed configured and supported Perforce and Git/Github. Designed and implemented code branching strategies. Initiated and led a rollout of Github Enterprise. Initiated and led a rollout of the Perforce swarm code review tool. Designed, configured, implemented and supported a multi-node multi OS (Linux, windows and OSX) Jenkins build farm. Managed build and deploy processes and scripts for mobile applications (Iphone, Ipad and Android) using Jenkins, TestFlight, Gradle and Hockeyapp. Wrote and maintained ant scripts to automate CI and controlled environment builds and deployments for a Java/Flex based Electronic Health Record hosted application hosted on windows and linux. Wrote reports and dashboards which used git, github, perforce and hockeyapp API's using python/flask and perl.

Brocade Communications, 4 Brocade Parkway, Broomfield CO
Senior Software Configuration Manager. April 2010-Dec 2014
Designed and led installation, configuration and training of Github Enterprise to multiple on-shore and off-shore locations. This Included design and implementation of integration between Git/Github and build (Maven and Ant), deployment (HP PPM), automation (Jenkins and custom scripting) and reporting tools.
Designed and implemented build automation, traceability and reporting using the HP Project and Portfolio Management (PPM) tool.
Initiated, designed and implemented build and deployment automation for Oracle's java based ADF framework code. This included design and implementation of integration between Subversion, Jenkins, HP PPM, Sharepoint, Numara Footprints and Mercury Quality Center using custom automation scripts and reporting which I wrote in Perl and Python.
Software Configuration Management for Oracle EBS/ERP and Java environments. End-user support and administration for Clearcase, Jenkins, Subversion and Git/Github. Managed a large infrastructure move project for Clearcase performance improvement. Implementation of a Sonatype Nexus artifact repository.

Designed and implemented an automated build/deploy system for Database DML/DDL scripts which included custom dashboards and reporting written in perl and which included a naming convention and content standard checking framework which I designed, wrote (in perl) and implemented.

Initiated, designed implemented and supported a Subversion installation on Linux used by on-shore and off-shore Oracle developers.

Automated build processes using Ant, Perl, shell and Python. Initiated, designed, installed and set up processes related to a Hudson/Jenkins build management server. Wrote end-user web based reports against HP PPM , Sharepoint, Footprints with perl libraries. These reports were Ajax based and acquired data from multiple data sources via SQL and Soap.

Management of one direct report (offshore contractor).

McKesson Health Solutions, 329 Interlocken Parkway, Broomfield CO

Senior Software Configuration Manager. July 2005-March 2010

Started on a 3 month contract which got extended to 6 months then I was hired as an employee. Responsible for improvement of SCM processes and documentation for a CMM level 2 and 3 assessment and certification. Responsible for general SCM duties including source control tool (CVS, Microsoft VSS, Starteam) and issue tracking tool (pvcs tracker) training, troubleshooting and administration. Designed and wrote build scripts/process for major applications using Ant, Maven and Perl. Designed and implemented Hudson/Jenkins based build process for java apps. Wrote custom perl based reporting and object oriented perl module to assist in reporting and automation with our issue tracking system. SCM for IBM/Ascential ETL artifacts. Implementation of a Sonatype Nexus artifact repository.

GEAccess (Formerly Access Graphics, since purchased by Avnet), 11300 Westmoor Circle, Westminster CO

Senior Configuration Manager. Feb 1998-June 2005

Responsible for SCM for Custom Oracle Financials applications and Web applications running on Solaris and Linux. Responsible for providing direction, training and guidance to one FTE and to variable contract resources. Responsible for setup, configuration and maintenance of the Mercury IT Governance (aka Kintana, now known as HP PPM) tool. Designed, wrote and documented build and deployment procedures. Wrote custom perl based build systems for Oracle applications and for Java J2EE apps. Wrote ANT scripts for compilation of J2EE apps. Set up and maintained multiple internal SCM web servers running on Apache (1.x and 2.x on Solaris). Wrote web-based CGI applications using perl for tracking/reporting and integration of various tools (i.e. custom integration of Kintana and Test Director). Wrote custom web based interactive reporting applications. Wrote an internal application (Oracle DB backend) that is used to track web builds and to link builds/deployment/mod. Requests and source code entities. Wrote custom perl wrappers for PVCS to make up for shortcomings of the PVCS tool. Installed, implemented and trained web and content developers on CVS. Designed, wrote and implemented a custom web content deployment system using perl, Rsync and CVS. Automated many formerly manual processes using Kintana along with perl/Shell and other unix utilities. Responsible for administration and training of PVCS, CVS and Kintana. Developed and trained an internal curriculum (3 days a week, 2 hours a day for 2 months) on general IT technology (db theory, sql, unix, web app how-it works, apache, basic java, javascript, shell scripting, perl, unix utilities and commands etc) and on specific SCM principals (source control, branching, merging, traceability etc). Setup and managed a custom deployment solution for Apache and Weblogic configuration files using proprietary tags and a perl based deployment engine. Project manager for a small project with a single contractor reporting to me.

Requisite Technology (now defunct), 4888 Pearl East Circle, Boulder CO

Configuration Manager. July 1997-Jan 1998

Configuration Management: Evaluated and purchased source control and defect tracking software. Wrote and implemented a build system for multiple Java projects in perl. Set up and maintained an internal web server (using Microsoft IIS) to display automatically generated build results and errors. Wrote and updated multiple installation programs for stand-alone Java applications using InstallShield.

QA Analyst. November 1996-July 1997

Started a QA department for a startup company producing an internet commerce application written in Java. Tested on multiple platforms including Unix (Solaris), Windows NT, and Windows95.

MC Graw-Hill School Systems (now defunct, 1331 17th Street, Denver CO

QA Analyst. October 1995-November 1996

QA for a Windows based client/server product written in C++. Wrote and maintained automated test scripts (using the SQA Team Test product). Responsible for maintenance of a multi-user test lab including 2 Novell servers and 2 NT servers. Wrote and maintained detailed test plans.

Support Analyst. November 1993-October 1995

Software testing and support for a multi-user school administration database package. Setup and maintained a Multi-user B.B.S (under Desqview). Lead tester for an in-house writtena ODBC driver used to connect Crystal Reports to our legacy system. Wrote sample reports for shipment to customers.

SYMANTEC/PETER NORTON PRODUCT GROUP, 2500 Broadway, Santa Monica CA

Telephone Technical Support/Software Quality Assurance. February 1993-September 1993

Software Technical Support for Pc/Anywhere for Dos/Lan and Pc/Anywhere for Windows remote control/communications software. Performed QA for Norton Desktop for Windows and Pc/Anywhere for Windows (ver 1.0 beta).

Microdyne/Epson, 20770 Madrona Ave., Torrance CA

Telephone Technical Support. October 1991-February 1993

Software and hardware technical support for Epson America's imaging products at Epson's corporate headquarters. Products included full page color scanners, laser and dot matrix printers, and fax machines.

MQS Inspection, 6800 Washington Blvd., Los Angeles CA

Technician. March 1991-October 1991

Technician: Performed destructive and non-destructive testing on various materials.
In house software and network support for Wordperfect and Lotus123 running on a Novell network.

Kronos, 3530 Atlantic Ave., Long Beach Ca.

System Support. October 1989-December 1990

Software and hardware technical support, field service and coordination of service personal dispatching for time accounting systems/data collection terminals and proprietary software. Remote diagnostics using remote control software.

EDUCATION

California State Polytechnic University, 3801 Temple Ave., Pomona, Ca.
B.S. in Electrical Engineering Technology, June 1989

Don Bosco Technical Institute, 1151 San Gabriel Blvd., Rosemead, Ca.
A.S. in Metallurgy, May 1983

PERSONAL

I am an honest, hardworking technology enthusiast. I believe in being honest and straightforward with clients, co-workers and management.
I have been involved in many areas of software development including support, QA, development, configuration management, architecture and devops. I have a good balance of leadership skills, people skills, and technical skills.