**STEPHEN R. FAIRBROTHER**

South Coventry, PA

* 484-919-7239  stephen.r.fairbrother@gmail.com

 <https://www.linkedin.com/in/stephenfairbrother>

SR. SYSTEMS ENGINEER | OPERATIONS | DEVOPS TOOLS | CONFIGURATION MANAGEMENT | BUILD MANAGEMENT

**Sr. Systems Engineer** with an established track record having managed and performed most aspects of the software management, installation, and server configuration processes, employing Jenkins, GitHub, Artifactory, and Orchestration. Also served as primary Help Desk contact for all development and QA environments.

* Managed software builds, server setup, and software deployments for a global development team in a highly complex and regulated industry.
* Mastered and employed the use of multiple tools, including Jenkins, GitHub, VMware, Orchestration, IIS, and SQL Server Studio while educating others in their use.
* Provided Help Desk level support handling urgent demands for environment requests and software deployments for a DevOps organization with over 200 global team members while troubleshooting and resolving configuration and interoperability issues.
* Designed and formulated an application cloning process that minimized configuration and accelerated full environment availability, saving 40 hours of configuration time.
* Resolved software installation issues discovered as environments were installed and updated, developing workarounds until corrected code was available.

CORE COMPENTENCIES

* Microsoft Systems Administration with expertise in IIS, event logging, and security
* Microsoft Server and Desktop Operating Systems
* DevOps Tools including Jenkins, Git, JIRA, and Artifactory
* Help Desk support for application, server configuration, and integration issues
* Server Provisioning and Configuration – Physical and VMware
* Software version control, branching, build management, and deployment
* SQL Server Administration and Relational Database knowledge
* Active Directory management
* .Net Applications
* Agile and Scrum

CAREER HIGHLIGHTS

* Installed, managed, and maintained over 50 QA environments
* Performed on-demand environment refreshes with average completion time of 15 minutes
* Originated, designed, implemented, and documented a method for cloning environments that saved 40 hours of configuration time
* Triaged and resolved software issues with average resolution time under 10 minutes
* Improved software installations reducing installation times by 20%
* Managed software builds and deployments for 3 simultaneous lines of development

WORK EXPERIENCE

**Cerner Corporation**, Malvern, PA Feb 2015­­­ – Dec 2016

Cerner Corporation acquired Siemens Health Services in February 2015.

**Sr. Systems Engineer, Platform and Components**

* Exceeded management expectations in QA environments with net-new configuration and installation times of under a half hour, refreshes completed within 10 minutes of requests, and emergency maintenance performed within a half hour of requests
* Improved software installations reducing installation times by 20%
* Managed production level software builds and applied it to internal and client environments
* Integrated new Configuration Management tools and software build management approaches resulting in reduced complexity and more seamless workflows
* Provided Help Desk level support handling urgent demands for environment requests and software deployments for a DevOps organization with over 200 global team members
* Drove the virtualization of automated test workstations used by global teams
* Designed and developed uniform documentation for 15 separate job functions providing step-by-step execution for novice users
* Installed, delivered, and managed over 50 new QA environments
* Allocated servers using vRealize for multiple DevOps groups
* Led server maintenance for OS patches and upgraded service pack levels for over 30 servers while minimizing downtime
* Drove resolution of Black Duck scans and supervised documentation of Open Source
* Successfully deployed software using Orchestration across a complex IT environment

**Siemens Health**, Malvern, PA 2000 – 2015

**Systems Analyst IV, Document Management**

* Responsible for all aspects of environment management, software deployment, system patching and configuration management for Imaging products
* Introduced QA environment cloning process saving 40 hours of configuration
* Improved software installation process and integrity, reducing install times to less than 5 minutes
* Improved client documentation with focus on application installations and security
* Learned multiple version control tools and validated code integrity in each new tool while providing education on tool use
* Managed and performed upgrades of over 100 clients in a production data center environment
* Applied server OS patches and updated service pack levels to all environments
* Supervised production level software merges and builds for delivery to internal and client systems
* Drove resolution of Open Source use and documentation using Black Duck scans
* Maintained automated test workstations for global team
* Updated QA environments on demand with average resolution times of 15 minutes

EDUCATION

Haverford College, Haverford, PA

*Bachelor of Arts*