**STEPHEN R. FAIRBROTHER**

South Coventry, PA

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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 development and delivery process for a .Net application that employed Artifactory, GitHub, Jenkins, and Orchestration.

* Facilitated software application development, as part of a cross-functional team that utilized Agile and the Scrum framework.
* Mastered, employed, and facilitated the use of multiple system tools.
* Analyzed, determined, and resolved configuration issues and improved associated processes.
* Tracked, researched, reported, tested, and resolved software issues discovered as environments were installed and updated.
* Designed and formulated an application cloning process that minimized configuration and accelerated full environment availability, saving 40 hours of configuration time.

CORE COMPENTENCIES

* Agile Development Methodology
* Business Analysis
* Configuration Management
* Cross-functional Teams
* DevOps Tools
* Integration
* Microsoft Operating Systems
* PowerShell
* Process Improvement
* Quality Assurance
* Requirements Analysis
* Scrum
* Software Builds
* Software Development
* Software Management
* Software Project Management
* System Administration

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
* Researched and resolved installed software issues for a .NET application with average resolution time under 10 minutes
* Improved software installations reducing installation times by 20%
* Managed software builds for 3 simultaneous lines of development

WORK EXPERIENCE

**Cerner Corporation**, Malvern, PA Feb 2015­­­ - present

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

* Exceeded management expectations in QA environment installation and maintenance
* Improved software installations reducing installation times by 20%
* Contributed to move to new CM tools and software build management reducing configuration management complexity
* Documented 15 separate job functions for step-by-step execution
* Installed and delivered over 50 new QA environments
* Applied server OS patches and updated service pack levels
* Built production level software and applied it to internal and client environments
* Analyzed BlackDuck scans for use of Open Source
* Deployed software using Orchestration
* Allocated servers using vRealize
* Maintained automated test workstations used by teams in India and Romania and oversaw their virtualization
* Updated QA environments on demand

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

**Systems Analyst IV, Document Management**

* Introduced QA environment cloning process saving 40 hours of configuration
* Improved software installation process reducing install times to less than 5 minutes
* Improved client documentation with focus on application installations and
* Contributed to moves through two configuration management tools
* Upgraded a total of over 100 clients in a production data center environment
* Applied server OS patches and updated service pack levels
* Built production level software and applied it to internal and client environments
* Analyzed BlackDuck scans for use of Open Source
* Maintained automated test workstations for team in India
* Updated QA environments on demand

EDUCATION

Haverford College, Haverford, PA

*Bachelor of Arts*