

# Kelly Burton

## Looking to Expand DevSecOps Knowledge

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Hard working, dependable, consistent, and trusted Software Engineer. A self starter who is constantly working towards expanding my knowledge of new tools and best practices. Looking to expand my work with DevSecOps, containerization, IaC and Cloud Architecture. Fully Cleared for Position of Trust with DOD and IT1 Level Clearance for DOD. Primary work is in Java EE and Oracle, developing code to move large datasets between organizations and in-house tools to automate processes with CI/CD. In the processing of completing AWS training to expand my knowledge.

Authorized to work in the US for any employer

## Work Experience

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### System Architect

Personal Development Seminars - McQueeney, TX

January 2016 to Present

Designed, coded and sourced complete new system for enrolling participants into court mandated behavior modification classes. Analyzed legacy system extracting current business rules and working with customer to develop new system requirements. Designed new system using Laravel, PHP and MySQL. Implemented system interfaces with PayPal for participants to pay for classes and Twillio for sending SMS notices to participants. Implemented and configured code repository for project (legacy system did not utilize one). Deployed new system to Cloudways platform, saving client money and providing better uptime. Implemented new functionality to support self service online registration of classes.

Updated system during Covid-19 outbreak, supporting switch to virtual classes and digital work books. Allowing participants to download workbooks after payment, allowing them to begin class earlier, rather than waiting to receive materials in the mail.

Continue supporting and working with client on development and implementation of new features.

### Senior Software Engineer

Object C Talk - King of Prussia, PA

July 2004 to Present

Trusted senior team member working on DCPDS and DCHRMS DOD Personnel systems supporting over 800K DoD civilian personnel. Primary duties are working on interface development coding web services in JAVA on JBoss with Switchyard and Fuse and writing PL/SQL code for extracting data from Oracle databases. Extracting business rules from existing code-base into functional and technical requirements for Jira stories and new code for conversion to Oracle HCM solutions.

Developed current DevSecOps pipeline using Jenkins, Maven, Nexus, HP Fortify and JBoss Servers, streamlining the process to pull, compile, scan and deploy Java applications and SQL code to JBoss (EAP, Fuse, switchyard) servers and Oracle databases, automatically upon developer checkin and code review.

Designed, coded and implemented interfaces scheduling system using quartz, JBoss, Switchyard and fuse. This system allows real time monitoring of interfaces and the ability to change the runs times adhoc and do manual runs for the customer.

Designed, coded, and implemented work order tracking system, using Oracle ADF framework, Oracle database and BI Publisher. System interfaces with PVCS to pull code for promotion to production. Additionally, this system offers an automated data fix system to update database records.

Troubleshoot JBoss EAP server problems and provide solutions for operations teams. Update server SSL certificates and JBoss vaults with new values, when needed.

Implemented LDAP solution for DoD password policy enforcement. System allows users to change passwords using their PIV Token and enforces DoD requirements for passwords.

Maintain organization Subversion code repository using VisualSVN and TortoiseSVN.

Evaluate and recommend new tech stacks and developer tools for organization.

Extract system requirements from customers, develop and deploy technical solutions.

IT-1 Level certified, administer LDAP solution for multiple applications, many are CAC enabled. Build and administer Jenkins pipeline solutions for various levels of build/deployment solutions. Administer Subversion Code repository for DCHRMS Projects.

Train and mentor new developers on coding methods, standards, and use and configuration of development toolsets.

## Education

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### **Master's degree in Forensic Psychology**

Walden University - San Antonio, TX

2013

### **Master's degree in Computer Information Systems**

University of Maryland-University College - San Antonio, TX

2005

## Skills

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- SVN (5 years)
- LDAP (5 years)
- MySQL (4 years)

- Jenkins (3 years)
- Agile (4 years)
- Maven (8 years)
- Java (10+ years)
- XML (10+ years)
- SOAP (5 years)
- Web Services (5 years)
- SQL (10+ years)
- REST (4 years)
- PL/SQL (10+ years)
- Git (4 years)
- Docker (1 year)
- JBoss/Wildfly (8 years)
- GitHub (4 years)
- CI/CD (3 years)
- Laravel (4 years)
- PHP (4 years)
- Back-end development (10+ years)
- Software deployment
- Software deployment (10+ years)

## Military Service

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### **Branch: United States Air Force**

Service Country: United States

Rank: Master Sergeant

July 1984 to August 2004

Last Position Held:

Senior Developer on the MilMod Project at HQ AFPC. Working with Oracle Forms, and PLSQL Code for Air Force Training Records.

Commendations:

Meritorious Service Medal

Accommodation Medal

Achievement Medal

Overseas Long and Short Tours

Marksmen

## Certifications and Licenses

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### **CompTIA Security+**

## Additional Information

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Completed Docker Training in spare time and Continue to work on Docker Skills.

Working on AWS Developer Certification.

Maintain my Security+ certification with Continued Education Program.

Created Password storage program that works with PIV and is FIPS compliant using Visual Studio and C#.