Albert Holtsclaw

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💼 Professional Experience:

- **Strata Information Group (SIG)** - **Senior Consultant**, January 2021 to Present

Senior Consultant for Strata Information Group (SIG) working with Ellucian's Banner ERP system and related ancillary products and services backed by a wide range of technologies. Managing infrastructure and building enterprise solutions for clients on premise and in the cloud. Leverages skills and experience to assist clients with migrations, integrations, upgrades, monitoring and awareness, performance optimizations, and other related activities.

- **East Tennessee State University, Information Technology Services,** May 2011 to December 2020

Senior DevOps Architect / Senior Database Administrator, November 2017 to December 2020

Used Terraform, Puppet, and Docker to build and manage cloud application infrastructure used by ERP systems and engineers. Built and maintained continuous integration pipelines to support rapid deployment from source. Managed the campus Ellucian Banner ERP system on Oracle RDBMS and ancillary connected systems using Oracle and MS SQL Server in Amazon Web Services (AWS) cloud. Responsibilities included installing, securing, and managing database systems, middleware applications, 3rd party system integrations, and custom-built applications, including various custom Web applications written in C#. Supervised duties of DevOps/DBA staff. Managed AWS infrastructure spending/budget.

Database Administrator / DevOps Engineer, August 2015 to October 2017

Served as database administrator and DevOps engineer. Maintained Oracle databases, cloud infrastructure, and middleware applications. Maintained campus Ellucian Banner ERP system, including regular software patches and upgrades. Maintained ancillary products such as Banner Document Management (BDM) and International Student & Scholar Management (ISSM). Designed and built additional software components as needed.

Information Systems Analyst III (Senior Software Engineer), August 2014 to July 2015

Served as technical lead for multiple Ellucian Banner/ERP projects across functional areas. Lead the development, installation, and/or maintenance of in-house applications, reports, and databases as well as university purchased software such as Argos, UC4, etc. Prioritized, assigned, and supervised the duties of Analyst II programming staff. Maintained multiple production and development Web and database servers.

Information Systems Analyst II (Programmer/Analyst II), May 2011 to July 2014

Built custom Web applications, batch programs, and reports working with Ellucian's Banner ERP system and ancillary systems that supported various university functional areas: Finance, Student, Financial Aid, HR, etc.

- **CGI Federal** - **Technical Consultant / Web application developer**, July 2009 to September 2010

Performed Classic ASP and ASP.Net Web development for front-end and back-end systems on Medicare.gov, MyMedicare.gov, and CMS.gov Websites for Centers for Medicare & Medicaid Services.

🎓 Education:

East Tennessee State University - Johnson City, TN
2009, Master of Science, Computer and Information Science, GPA**:** 3.88
2007, Bachelor of Science, Computer and Information Science, GPA**:** 3.39

🔧 Skills and Abilities

Infrastructure / DevOps	Docker, Puppet, Terraform, AWS (EC2, ECS, RDS, Aurora, Route53, Lambda, VPC, ELB, ALB, etc.), Gitlab, CI Pipelines, Prometheus, Alert Manager, Grafana, Jenkins, HAProxy
Database & Resource Mgmt.	Oracle, SQL Server, MySQL/MariaDB, Ellucian Banner (Student, Finance, Financial Aid, etc.)
Banner Systems & Related Tech.	Evisions MAPS Argos/Intellicheck/FormFusion, Appworx/UC4, Banner SSB, Banner INB, Banner 9, JobSub, BDM, ISSM/fsaAtlas, Drupal etc.
Core Programming	C#, VB.Net, Pro*C
Other Scripting	Bash/Shell, Ruby, Python, Sed, Awk, SQL, PL/SQL, T-SQL, Oracle SQL
Server-side Languages, Frameworks	ASP, ASP.Net, ASP.Net MVC, LINQ, Entity Framework, SOAP, WCF, Ruby, Python, PHP
Markup & Web	XHTML, HTML, XML, XPath, XForms, JavaScript, JQuery, CSS
Operating Systems	Windows, Unix/Linux (RHEL, Amazon Linux, Ubuntu, Solaris, CentOS, etc.), Mac OS
Application Servers	Apache, IIS, Tomcat, Weblogic, etc.
Version/Change Management	Git, TFS, Visual Source Safe
Personal Traits	Learns and adapts quickly, Highly effective communicator, Methodical at debugging