

Duane Hellums

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<https://hellums-eportfolio.azurewebsites.net>

<https://github.com/hellums> <https://linkedin.com/in/hellums>

Work Experience

SEP 2010 – OCT 2021

Director of IT - Galen College of Nursing, Louisville KY

- Retired from operations position for sabbatical, education, transition to software development/DevOps
- Led corporate team of 17 engineers, administrators and customer support techs on 10 campuses
- Provided software development team service/support in Linux/Win server, IIS, MSSQL, LAMP, DNS
- Virtualized Data Center, SAN/VM, SDWAN, VOIP, and shifted AD and email to hybrid Azure cloud
- Integrated applications, identities, networks, supply chain during acquisition by HealthTrust and HCA

NOV 2005 – SEP 2010

Network Services Manager - Georgetown College, KY

- Administered SharePoint websites, Linux and Windows servers, Exchange email, databases, and network
- Migrated WiFi controller to cloud and engineered HP switch solution to save \$475K on dorm networks
- Built and administered open-source Moodle application farm to save \$600K in Blackboard LMS costs
- Taught CompSci (databases, networking), built and administered Rocks HPC cluster (CentOS, Ruby)

JAN 1994 – NOV 2005

Software Engineer/PM - USAF Software Factory, Montgomery AL

- Led 12-member team as lead programmer and PM responsible for version control, build, test, distribution, and maintenance of C/Unix desktop and mainframe software for Pentagon and nuclear commanders
- Designed a new risk-driven build process that reduced biannual build/test cycles from 8 weeks to 2
- Coded critical compliance-driven changes to OS, app, and 3rd party API required by Pentagon and GAO
- Built domain utilities, apps, and 4 helpdesk/ITSM and personnel management systems in Access
- Authored three books on FrontPage web development and Red Hat Linux system admin

Education and Certifications

- Code Louisville – Three 12-week courses in SWDEV, C#, Python, OOP, Data Analysis (2022)
- MSIS - Master of Science Information Systems, Hawaii Pacific University (1997)
- BA - Bachelor of Arts Business Management/Computer Studies, University of Maryland (1995)
- Project Management (PMP) and Security+, AFIT Software Professional Development Program (2005)

GitHub, Azure CI Docker containers Unit Testing, MSTest Entity Framework .NET Core MVC	Visual Studio IDE C# Python C/C++ shell, bash SQL	SQL Server MySQL SQLite MongoDB JSON, CSV APIs	http, httpd, TCP/IP HTML CSS Bootstrap Blazor Flask
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