Duane Hellums

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Education and Certifications

- Code Louisville - three 12-week courses in Software Development and 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)

Skills

- Tools: Visual Studio/Code, GitHub, Docker, MSTest, Azure CI
- Languages: C#, Python, SQL, HTML, bash, C/C++
- Frameworks: .NET, CSS, Bootstrap, Blazor, Flask
- Infrastructure: IIS/Apache, SQL Server, Mongo, SQLite

Work Experience

OCT 2021 - PRESENT
Career Break/Sabbatical

SEP 2010 – OCT 2021
Director of IT - Galen College of Nursing, Louisville KY (HCA)

- Led corporate team of 17 engineers, administrators and customer support techs on 10 campuses
- Provided infrastructure support to software development team in Linux, VMWare, SQL Server, 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