Clyde Thomas Zuber

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Technology Summary

Operating Systems: Windows Server, Windows, Mac OS X, MVS {z/OS}, VM, AIX {Unix}, RedHat/Debian Linux
   [Responsibility/Skill: Installation, Service, Support, Configure, Optimize, Convert, Upgrade, and Troubleshoot]

Programming Languages: Java, C, C#, S/390 Assembler, PL/X, PL/I, Cobol, SQL / Sequel, SAS, JavaScript

Databases: Database Normalization Theory and Design, MS SQL Server, IBM DB/2 and IMS, JavaDB (Derby), MySQL, database-driven PHP programming and basic data visualization techniques

Environments, Design & IDE Tools: Android, Apache, Eclipse, Hyper-V, Mobile Computing, Rational Application Developer, WebSphere

Web Development: HTML, CSS, JavaScript, XHTML, Swing, i18n, AJAX, Servlets, JSP, JSF2 and Enterprise Beans, JDBC, JQuery, JSON, REST Web Service, Spring Framework, Hibernate, AOS/aspect-oriented, JSTL, JavaMail, Maven

Experience

Elon University – **Elon, North Carolina** – Web Content Developer **[2/15-5/15]**

J.F. Flannery Company - **Adelanto, California** - ZuberFowler Initiatives Partner **[1/98 - 1/99, 1/00 – 12/11]**
   Hardware and software purchasing, technical contact
   Navision Axapta (now **MS Dynamics**) support and Windows administration including **DBA**-MS SQL Server (tuning, information security, disaster recovery planning, etc.)
   Linux firewall data security, exim4 email server and Apache2 web site administration and maintenance

Bronson Methodist Hospital - **Kalamazoo, Michigan** - Maxim Group Consultant **[2/99 - 12/99]**
   Information Technology of McKessonHBOC
   Provided primary MVS OS/390 systems support during HBOC Medipac to STAR conversion

IBM Corporation - **Research Triangle Park, North Carolina** - Software Engineer **[11/89 - 12/97]**
   NetWare for SAA
   Completed release development of TN3270 and TN5250 server components, maintaining customer problem resolution while meeting aggressive schedules
   TCP/IP
   Component ownership of Domain Name Server (DNS) and X Windows MVS client, serving as the coordinator and customer support reference
   Developed and maintained both MVS and VM TCP/IP products ensuring a coherent common code base
   Ported OSF/Motif to MVS/Open Edition environment
   Wrote ESTAE routine providing operating system SVC dump capability
   Operated as technical liaison between T. J. Watson Research Center and local managers

   Netview Performance Monitor (NPM)
   Conceived and implemented the change in NPM from static initialization time configuration to dynamic exec run time configuration command processing
   Also developed dynamic display for new network protocols
   Expanded and wrote module to simulate an NCP for offline testing of NPM, greatly reducing the development team members' needs for actual NCP hardware, reducing costs and speeding up development of releases

FMC Corporation **- Dallas, Texas -** Lead Systems Programmer **[1/83 - 10/89]**

VM Time Sharing Systems
Headed implementation of a major generational shift, sustaining minimal customer impact

Project leadership removed severe architectural constraints in an area that represented high dollar volume

MVS Operating Systems Support
Implemented a major MVS architectural conversion, resulting in the project receiving the highest possible rating for no adverse effects on customers

Provided the technical research for data center's strategic direction in dealing with virtual storage constraints

Project research accepted with acclaim by upper management

Logical, then physical move of Indianapolis data center to Dallas with no interruption of service to customers

Combined services of the two locations providing customers with a single logical system image and greater simplicity

Continually created software utilities of original concept and design which enabled completion of tasks that were otherwise impossible or more time consuming

Planned and performed successful disaster recovery testing, proving hot site resumption with minimal customer and company impact

Implemented Windows PC based, host connected, office automation creating increased productivity

General Dynamics Corporation **- Fort Worth, Texas -** Software Engineer **[1/80 - 12/82]**

MVS Technical Services
Performed primary DASD problem analysis and system catalog creation servicing these and other critical system services and components

Maintained smooth data center operations with minimum downtime in spite of data center's recurrent hardware and software reliability problems

Provided telephone support for customers and application programmers

Headed program product installation and support in a manner such that software problems were prevented

Recommended product purchases directly to data center director

Material and Manufacturing Support
Programmed IMS batch and on-line applications to maintain material systems computer parts inventory, ordering, and reporting for F-16 manufacturing operations resulting in uninterrupted production and delivery

Education

Elon University — Elon, NC • **Bachelor of Science, Computer Science** 5/14 *summa cum laude*

Honors: Phi Beta Kappa (ΦΒΚ), Phi Kappa Phi (ΦΚΦ), GPA 3.98, 4.0 within CS major

Course Highlights: Enterprise Application Development, Security, Java and C# Programming, Project Management, Database Programming, Web Design, and Computer Architecture

Purpose: Demonstrate capability with all of the current standards of professional skill base and methods: Object Oriented Design Patterns, Cloud computing, Mobile (Android) computing, Game programming, Artificial Intelligence, and High Performance Computing