

Sr. IBM Tools Architect
Charles W. Clarke III
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Objective: Assist with the implementation of configuration management, process creation, and process creation and control using **ClearCase**, **ClearCase with UCM**, **ClearCase Multisite**, **ClearQuest** and the application of **30+ years of Rational Tools experience** and **35+ years of professional software development experience**. Assist companies requiring corporate sustainability compliance/certification with the use of **IBM Envizi** software. Seeking position to enhance the overall quality of software configuration and release control at the project, department or enterprise level. Provide training coupled with implementation so that departments can evolve to higher compliance states to develop their code more quickly and with less cost.

Education:	Georgia Institute of Technology	Major G.P.A. 3.41
	Bachelor of Science - Information and Computer Science	1989
	IBM API Connect Technical Sales Intermediate	2025
	API Connect Sales Foundation	2025
	Sustainability and IBM Envizi Sales Foundation	2023
	IBM Envizi Technical Sales Intermediate	2023
	Rational Certified Specialist – ClearCase V7	2012
	ClearCase Classes - Certified Instructor	1996
	Fundamentals - Policy & Procedures – Administration	
	FAA	2005
	D0-178B training	

ClearCase Awards:	ClearCase Community Superstar Award	2002
	Awarded inaugural ClearCase Community Superstar Award by Rational Software at the 2002 Rational User's Conference	

ClearCase Experience:	A Better Solution, Inc. - Atlanta, Ga.	1996 - Present
	Senior Technology Engineer - Senior ClearCase Consultant	

Provide ClearCase consulting, instruction and support to ABS clients. Use ClearCase daily on HP and SunOS UNIX architectures and Windows architectures. Teach Open-Enrollment ClearCase classes and as a "QuickStart" service on client site. Active within CCIUG (ClearCase International Users Group) and have posted many of the shell trigger scripts there at the urging of Rational. Wrote shell scripts that exist on Rational's public FTP site and are distributed with their product.

Training master for open-enrollment ClearCase classes which included the creation of printed manuals and labs for open-enrollment, on-site ClearCase Training and web enabled training.

Lead Designer/Architect on the **ClearTrigger** product, a ClearCase add-on, extends ClearCase by allowing for the creation of enterprise-level policy control and trigger management.

Lead Designer/Architect on the **iDeployIt** product. This DevOps product automates software and product deployment across a geographically distributed topology.

Lead Designer/Architect on the **iApproveIt** product streamlines process communication and approval by allowing instant user/manager interaction via email, mobile devices as well as Slack, Teams, Ring and WebEx hooks. iApproveIt eliminates the wait times between required approval that slow task completion.

Lead Designer/Architect on the **ClearReplica** product, a ClearCase add-on developed by ABS that extends ClearCase distributed development capabilities.

Lead Designer/Architect on the **ClearWeb** product, a ClearCase add-on developed by ABS that extends the ClearCase Web interface.

Some of the satisfied clients helped while at ABS include:

IBM	Harris Corp.	Delta Airlines	Citibank International	Capital Group
Ericsson Corp.	BellSouth	Qualcomm Corp.	Cadence Design Corporation	Boeing
U.S Treasury	U.S. Navy	Capital One	Computer Science Corp.	WebMD

Technology Builders - Roswell, Ga. 1995 -1996
Senior ClearCase Consultant

Provide ClearCase consulting, mentoring and support to TBI clients. Performed pre-sales demonstrations and post-sales ClearCase consulting for TBI clients.

BellSouth Applied Technologies - Atlanta, Ga. 1994 -1995
Senior Software Designer

In excess of development duties, converted existing projects to ClearCase from other CM tools. Performed as ClearCase administrator for the initial projects on HP-UX systems. Implemented automated night builds in a multi-VOB system that separated common in-house code, unique project code as well as third party code. Gained experience with DDTs (PureAtria's Defect Tracking tool – predecessor to ClearQuest).

Hitachi Telecom Inc. - Atlanta, Ga. 1989 - 1994
Software Engineer

Gained extensive use of ClearCase as a software developer. Developed sound experience with the ClearCase fundamentals over two years of constant use.

Related

Skills:

Experienced in: C++, C, UNIX shell languages, Perl, Batch, HTML, JScript, X/Motif. AWK, SED, VBScript and others.

Experienced with: ClearCase, ClearCase with UCM, ClearCase Multisite, CCRC, Rational Team Concert (ELM), ClearQuest, ClearTrigger, ClearReplica, ClearWeb, ClearManage, iDeployIt, iApproveIt, Envizi, ClearDDTs, InstallShield, MQSeries, UIM/X, HP OpenView, Mercury toolset, Softbench, RogueWave, EMACS, and others.

Experienced on: HP 9.x and higher, Sun 5.5 and higher, AIX, Tru64, IRIX, Redhat and other Linux operating systems, Windows 9x, Windows NT, Windows 2000 and higher, others.

Software Development

Experience: **A Better Solution, Inc.** - Atlanta, Ga. 1996 - Present
Senior Technology Engineer - Senior ClearCase Consultant

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Senior Software Designer

Developed series of GUI objects with database hooks to enhance a in-house Forms Infrastructure Class library. The code was created with C++, Motif libraries and Rogue Wave DBTools. The FIC uses as a basis for the BellSouth process automation design group that serves as the arm that develops GUI applications that replace previous paper trail processes previously in-place for BellSouth affiliates.

Tools for the project:

C++, X/Motif, ClearCase, Softbench, UIM/X, Purify, RogueWave Tools, EMACS on HPUX 9.x machines.

Hitachi Telecom Inc. - Atlanta, Ga. 1989 - 1994
Software Engineer

Designed and implemented, as part of a three engineer team, portions of the initial Hitachi ATM Network Manager. Solely responsible for HDisplay application; a real-time graphical representation of remote AMS machines that displayed down to the LCD level with a AMS to LCD drill down design. Responsible for the User Security application for the ATM Network Manager. I designed and implemented all object classes needed for the applications using C++ and a blend of hand-coded and UIM/X generated X/Motif code. All applications included signal catching and inter-process communication. Shared group lead responsibilities with one other engineer when the group expanded to 12 engineers.

Tools for the project:

C++, X/Motif, ClearCase, HP Openview, Softbench, UIM/X, EMACS on HPUX 9.x machines.

REFERENCES

Latest Client

References:	Teresa Iiams DST Output	CM Manager	teresa_iiams@dstoutput.com
	Sydney Bush US Army	Configuration Process Director	sydney.bush@us.army.mil
	Wade Towles IBM	IBM Brand Technical Specialist	wtowles@us.ibm.com
	Jeff Hamilton Ericsson Corporation	CM Architect	jeffhamilton007@yahoo.com