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US Citizen

SUMMARY

Over 25 years of experience in diverse phases of software development, including extensive experience in the Tool Architecture and Software Configuration Management area. This includes 15 years of professional experience in the US.

I'm well versed with architecture creation or support (documents/implementation/training), covering development process based on IBM RUP, Agile and Scrum with IBM Toolset.
I have experience in providing ongoing support and administration of almost all IBM Rational tools. I have hands on experience in design, install, implementation and administration of IBM Rational tools including Rational Team Concert, Rational Quality Manager, DOORS NG, BuildForge, UrbanCode Release/Deploy, RRDI, Rational Insight, ClearCase/ClearQuest/UCM/Multisite, Test Manager, RequisitePro, Rational Rose, Functional Tester. I also have extensive experience in CLM incorporation, SCM Support and Release management, creating training documentation and providing training for developers and team leads.
I also have experience with VmWare, AWS, IBM BlueMix, Hudson, JIRA, CVS, SVN, Git, Splunk, Sonar, and an expert in Shell, Perl, Ant, Maven scripting for automating build and release activities.

CERTIFICATES:

IBM

Description	Date Completed
IBM Certified Deployment Professional - Rational UrbanCode Deploy	08/10/2017
IBM Certified Administrator - Cognos 10 BI	08/15/2012
IBM Certified Specialist - Rational Team Concert v3	03/20/2012
IBM Certified Specialist - Rational ClearCase v7.1	02/11/2012
IBM Certified Specialist - Rational Quality Manager v2.0	09/17/2011
IBM Certified Specialist - Rational ClearQuest v7.1	08/20/2011
IBM Certified Administrator – WebSphere Application Server Network Deployment V7.0	07/23/2011
IBM Certified Database Associate -- DB2 Universal Database V8.1 Family	09/08/2009
IBM Certified Database Administrator -- DB2 Universal Database V8.1 for Linux UNIX and Windows	09/08/2009
IBM Certified Specialist -- Rational Unified Process v2003	10/31/2006
IBM Certified Deployment Professional -- Rational Portfolio Manager	09/12/2006
IBM Certified Specialist -- Rational Object Oriented Analysis and Design v2003	02/09/2006
IBM Certified Specialist -- Rational Requirements Management w/Use Cases v2003	03/16/2006
IBM Certified Associate Developer -- Rational Application Developer for WebSphere Software V6.0	02/21/2006
IBM Certified Administrator -- Rational ClearCase Windows v2003	01/24/2006
IBM Certified Administrator -- Rational ClearCase UNIX v2003	01/30/2006
IBM Certified Administrator -- Rational ClearQuest v2003	01/26/2006
IBM Certified Specialist -- Rational Test Management and Robot v2003	01/25/2006

AWS

Description	Date Completed

AWS Certified Solutions Architect – Associate	03/23/2017
AWS Certified SysOps Administrator - Associate	07/27/2017

TECHNICAL EXPERIENCE:

SCM	CLM 5.0.1, 4.0.7,4.0, 3.0.1
	ClearCase/ClearQuest Windows/UNIX (Sun/Solaris 5.8,Intel/Solaris 5.8, Alpha/OSF1, SGI /IRIX64 Versions: 8.0, 7.1,7.0, 2003, 5.0.4.2, 4.1, 4.0, 3.2.1, 3.2 & 3.0; SourceSafe, CVS,SVN,GIT.
Rational Technologies	IBM Rational Team Concert (3.0-5.0.1) Unix/Win
	IBM UrbanCode Deploy (6.0-6.1.3) Unix
	IBM UrbanCode Release (6.0.1) Unix
	IBM Rational Build Forge (5.0.1-7.1) Unix /Win,
	IBM Rational Unified Process (v2000-7.0.1) Win,
	IBM Rational ClearCase (v3.0-8.1) Unix/Win,
	IBM Rational ClearQuest (v2000-8.1) Unix/Win,
	IBM Requisite Pro (v2000 – 7.0.1) Unix/Win
	IBM Rational SoDA (v2000-7.0.1) Win,
	IBM Rational ProjectConsole (v2000-7.0.1) Win,
	IBM Rational Method Composer (7.0) Win,
	IBM Rational Application Developer (7.5) Unix/Win,
	IBM Rational Software Architect (7.0.0.5) Unix/Win,
	IBM Rational Rose modeler (v4.0-2003) Win,
	IBM Rational TeamTest (2000-2003) Unix/Win,
	IBM Rational Rapid Developer (2003) Win,
	IBM Rational Portfolio Manager (7.0.1) Win,
	IBM Rational Quality Manager(7.0)Win
	IBM Functional Tester(7.0-8.0)Win
	IBM WebSphere Application Server(6.1- 8.5ND)Win/Unix
	IBM Message Broker (7.0)Win
	IBM MQ Series(7.0)Win
	IBM Cognos(10.0)Win
Operating Systems	MS Windows: 7, 2000, NT 4.0, 98, 95, 3.11, 3.1 & 3.0, Solaris 5.7-5.8/(Sun, Intel);OSF1/Alpha ;IRIX64/SGI, AIX 5.0-5.3,Linux(SUSE,RedHead)
Data Bases	Oracle (7.3-9.0.2), MSSQL, DB2,MySql
Software Development	10 years Microsoft C/C++ MS Visual C v 6.0; 4 years Unix
C/C++ Development	Windows NT 4.0 – Tools - Microsoft Visual Studio (4.0,5.0,6.0)
	Unix/C/C++ Tools - Sniff v3.2.1,Visual SlickEdit 6.0
Oracle Development	EBS r11.5, Designer 2000; Visual C++ for ORACLE (OCI) (ODBC), Oracle Designer 2000, Crystal Reports, Oracle Forms (v. 3.0, 4.5), Oracle Reports (v.3.0), SQL*Plus, PL/SQL, SQL*Forms, SQL*Loader, UNIX (TOAD, SQL*Navigator, C, C++).
Report Systems	Cognos 10, Crystal Report v(8.5 – 11.5), BIRT v(2.3-3.7.1), Web Focus 7.6.11
Cloud Technologies	AWS Amazon EC2, S3, R53, VPC, ELB, RDS(Oracle), Cloud Formation.

PROFESSIONAL EXPERIENCE

Employer	Deloitte,GA
Role	Tools Administrator

Duration	01/2015 – present
Environment	CLM 5.0, Oracle 11g, WebSphere 8.5, IBM Urban Code Deploy 6.1,Shell scripting, PL/SQL, HTML, DNS, NIS, NFS, SMTP, TCP/IP

PROJECT 1: GA Integrated Eligibility

Responsibilities:

- Migration CLM to new Data Center with URI renaming procedure and users accounts migration to new LDAP.
- Design and implementation of component structure, stream strategy, requirement and change management disciplines, testing and promotion procedure based on IBM CML 5.0.
- CI/CD based on IBM RTC 5.0 (ANT/MAVEN) and IBM UrbanCode Deploy 6.1.1.5 integration.
- Design and implementation of deployment process to multiple environments (16 env, 84 servers), based on IBM UrbanCode Deploy 6.1.1.5.
    - o UCD Server with IBM license server installation and configuration, based on MySql as a backend.
    - o Unix/Windows(WinRS) agent installation and configuration.
    - o Relay configuration with tunnel between networks.
    - o UrbanCode Deployment Semaphore, based on component properties and UCD API for protect deployment and BATCH process goes simultaneously.
- Design a implementation of report system based on IBM RRDI 5.0.
- Design and implementation of release management process based on IBM UrbanCode Release 6.1.1.3 integrated with IBM UrbanCode Deploy. (3 feature dependent projects in the release)
- QA automation based on integration of RQM/RTF and UrbanCode Deployment with RQM Plugin.
- DB deployment automation based on integration of IBM DaticalDB and IBM UrbanCode Deployment with DaticalDB Plugin.
- RTC&Remedy integration with Rational Lifecycle Integration Adapters Tasktop Edition 1.2 (TaskTop)

Employer	University of California, Office of the President (UCOP),CA
Role	Tools Administrator
Duration	07/2014 – 12/29/14
Environment	RTC 4.0.7, zOS ISPF , Build Forge, DB2, Dell Stat, FileNet, WebSphere 8.5,Puppet, GIT,Shell scripting, PL/SQL, HTML, DNS, NIS, NFS, SMTP, TCP/IP

Responsibilities:
- Migrate RTC 3.0.1.2 from production to QA environment, upgrade RTC QA to 4.0.7 and rename URI.
- Maintain build, promote, deploy for zOS with ISPF client.
- Maintain multi branches of Puppet repository with GIT.
- Incorporation of IBM UrbanCode Deploy/Release 6.0.1 (POC)

Employer	CMS Centers for Medicare & Medicaid Services,MD
Role	Tools Administrator
Duration	01/2013 – 06/2014
Environment	Oracle E-business suite, Build Forge, ClearQuest, ClearCase , Git, Shell scripting, Sonatype Nexus ,Perl, Ruby, PL/SQL, HTML, DNS, NIS, NFS, SMTP, TCP/IP

Responsibilities:
- ClearCase/ClearQuest administration.
- Maintenance and enhancement of CM build and deployment to Oracle EBS r11.5, based on IBM tool set. ClearCase 8.0/ ClearQuest 8.0(UCM), BuildForge 7.1, Ant/Perl/Shell scripts.
- Maintenance and enhancement of build and deployment to IBM Message Broker 7 (BuildForge, Ant, perl, shell).
- Maintenance and enhancement of build and deployment to OBIEE 11G (BuildForge, perl/shell)
- Design and implement Git repository for Oracle WebCenter development. Import source code from Git to ClearCase.
- Pilot project for migration CM support system, based on legacy toolset to IBM RTC4.0.1.
- Pilot project for prove of conception using Sonatype Nexus as artifacts repository manager.

Employer	Health Care Service Corporation (HCSC),IL
Role	Tools Administrator
Duration	09/2012 – 12/2012
Environment	RTC, Build Forge, ClearQuest, Jenkins , Shell scripting, Perl, PL/SQL, HTML, DNS, NIS, NFS, SMTP, TCP/IP

Responsibilities:
- Design and implement adjusted SDLC to IBM RTC based on existing SDLC.
    - Adjust existing RTC Scram template to customer (HCSC) needs.
    - Adjust workflow/attributes/presentations based on existing workflow from ClearQuest.
    - Created master/slave project architecture structure for centralize control and simplify maintenance.
    - Adjust permissions.
    - Adjust version control component structure based on existing component structure.
- Migration from ClearQuest 7.0.1 for RTC 3.0.1.3 (>100 projects in the list)
- Development RTC triggers (Dojo script)
- Development of Adviser/Participant plugins (RTC SDK 3.0.1.3, java based).
- Integration of HP Quality Center and IBM RTC (TaskTop Sync).
- Integration Jenkins and IBM RTC
- Integration IBM Build Forge and IBM RTC

Employer	Department of Treasury – IRS,MD
Role	Tools Administrator
Duration	05/2012 – 09/2012
Environment	RTC, RQM, Insight, Build Forge, ClearCase/UCM, ClearQuest, RequisitePro, Functional Tester, Shell scripting,

Responsibilities:
- Rollout of Rational Team Concert 4.0 (LDAP, WAS 8.0, Windows 7)
- Improvement ETL engine for upload the date from ClearQuest, ClearCase, RTC, for IBM Insight 1.0.1 for cross project reports.
- Rollout of Rational Quality Manager 4.0
- Integration of RQM and IBM Functional Tester.

Employer	Department of Treasury – FMS,MD
Role	SDLC Architect
Duration	10/2009 – 05/2012
Environment	RTC,ClearCase/UCM/Multisite, ClearQuest/MultiSite, Build Forge, ClearQuest Test Manager, Rational Quality Manager, RequisitePro, Rose, Functional Tester, Shell scripting, Perl, Hudson, Ant, Manven, XAMPP,PL/SQL, JDK tools, IBM Message Broker/MQ Series, HTML, DNS, NIS, NFS,Send mail, SMTP, TCP/IP, IAX, SUSE Linux.

Responsibilities:

- ClearCase/ClearQuest administration.
- WAS 7.0 maintain and administration.
- Distributed version control system designed and implemented based on IBM Clearcase MultiSite + Message Broker 7.0+MQSeries7.0 instead of Clearcase shipping server for extra security reason (documentation/training).
- Configuration Management System designed and implemented for manage configuration items (Hardware, Software, Applications, Services, Customers) based on IBM ClearQuest.
- Pilot project for migration from Rational Suite 7.0.1 to IBM Rational Team Concert 3.0.
- Automation building for J2EE applications under Hudson 2.1.1 + plug-ins (Hudson ClearCase Plug-in v1.3.5, Deploy to WebSphere container Plug-in v 1.0). Distributed build for multiple platforms based on ANT/MAVEN build scripts.
- Quality metrics designed and implemented in Report System (E2EE) based on Crystal Report under RAD 7.5+ WAS 7.0, BIRT 2.6, Web Focus 7.6.11, XAMPP (Apache + MySQL + PHP + Perl). UI presentation level development, based on PHP for Apache. Data Warehouse design and implementation, using Web Focus ETL functionality (source: MSSQL, target: MySql).
- Activity (transformations) diagrams designed and implemented for trace modifications in ClearQuest schemas. Diagrams describe all transitions between states, actions and granted roles (permissions) in one place.
- Regression test designed and implemented for ClearQuest user databases (32 user dbs) based on IBM Functional Tester/ CQTM.
- Pilot project for migration from Rational TeamTest 7.0.1 to IBM Rational Quality Manager 3.0.1
- Worked with development groups to resolve tool problems and issues.

Employer	Pitney Bowes,CT
Role	Senior Configuration manager
Duration	08/2008 – 10/2009
Environment	SUSE 10/11, Linux, Base ClearCase, Shell scripting, Perl, PL/SQL, JDK tools, MSSQL 2005, InstallAnywhere 7.0, HTML, DNS, NIS, NFS,Send mail, SMTP, TCP/IP.

PROJECT 1: Configuration management process for "Mail Stream 1" -Internal project
Role: Senior software configuration manager (SCM)

Responsibilities:

- ClearCase/ClearQuest/BuildForge administration.
- Setup build environment based on VmWare 1.0.7 under SUSE 10.1.
- Develop scripts for automation of build process with using of portable Qt 4.4.3 preprocessor.
- Write adapters under BuildForge 7.0.2 for statistic collection.
- Configure DoxyGen project1.5.7.1
- Integration with BuildForge 7.0.2 using Perl scripting.
- MultiSite Base ClearCase repository implementation for distributed projects development teams in Shelton, Prodidact, Minn.

- Develop policy and scripts for automation of build based on perl, ant, VisBuildPro under BuildForge.
- Clearcase Integration with BuildForge.
- Extensively used Shell and Perl scripts for automatic build and release process.
- Worked with development groups to resolve tool problems and issues.
- Installed and configured IBM Rational servers and clients.
- Report System designed and implemented based on Build Forge build and materials (build forge adapters)
- Source code documentation based on DoxyGen
- Develop policy and scripts for automation of deployment based on Install Anywhere
- Provided ongoing support and administration of all IBM Rational tools.
- Software includes Base ClearCase , ClearCaseWeb, CCRC, ClearQuest, ClearQuest Web, Visual Studio 2008, SUSE 10.1 Linux, Qt 4.4.3, BuildForge 7.0.2, DoxyGen 1.5.7.1, CppUnit 1.12.1, VisBuildPro 6, Qt;

Employer	AllState Auto Insurance,IL
Role	Senior Configuration manager
Duration	05/2008 – 08/2008
Environment	ClearCase, UCM, TIBCO 5.5, VSS, Shell scripting, Perl, PL/SQL, JDK tools, Oracle 10g, HTML, DNS, NIS, NFS,Send mail, SMTP, TCP/IP.

Responsibilities:
- Create Configuration Management Plans for software development projects.
- Manage and implement software development projects for solutions using TIBCO Designer 5.5, ClearCase, UCM, VSS, Shell scripting, Perl, JDK tools, HTML, DNS, NIS, NFS, Send mail, SMTP, TCP/IP.
- Train and mentor users and administrators.
- Provided SCM policy based on triggers pocket (Perl).
- Design stream structure, component structure, folder structure and deliver/rebase strategy, for parallel development process under TIBCO Designer and ClearCase.
- Migrated teams from SSV Version control systems to ClearCase.
- Develop scripts for automation of build release process (Ant, Perl).
- Develop scripts for automation of deploy process during rebase process.
- Develop scripts for automation backup process.
- Provided ongoing support and administration of all IBM Rational tools.
- Software includes ClearCase UCM, TIBCO Designer 5.5, RSA 7.0.0.5, CruiseControl 1.7.0, Ant 1.7.0;

Employer	Sears Holdings Corporation ,IL
Role	Senior Consultant
Duration	04/2007 – 04/2008
Environment	ClearCase UCM MultiSite, ClearCaseWeb, CCRC, ClearQuest, ClearQuest Web, SQL Server 2000, WSAD 6.0, RAD 7.0, VS .NET. CruiseControl 1.7.0,Ant 1.7.0, Apache-maven-2.0.8, BuildForge 7.0;DDTS, CVS, VSS, PVCS, Shell scripting, Perl, C, C++, Java1.4, JDK tools, HTML, DNS, NIS, NFS, LDAP, Send mail, SMTP, TCP/IP.

Responsibilities:
- ClearCase/ClearQuest administration.
- Designed and implemented RequisitePro repository based on MSSQL 2005
    - Create Configuration Management Plans for software development projects.
    - IBM Rational ClearCase/Multisite installation process.
    - Design and rollout of integrated ClearQuest/ClearCase environment for change management.
    - Design, realization and support of Multisite replicated structure.
    - Provided SCM policy based on triggers pocket (Perl).
    - Migration from Windows NT domain to Active directory domain
    - MultiSite ClearCase UCM pilot repository implementation for distributed project's development teams in India, Chicago and Hoffman Estate.
    - Improved the efficiency of CCRC by improving of ClearCase triggers pocket (Perl).
    - Migrated teams from SSV,CVS and PVCS Version control systems to ClearCase.
    - ClearQuest schema Improvement.
    - ClearCase LDAP configurations for AIX 3.5 OS.
    - SAMBA configurations for AIX 3.5 and SunOS 10.
    - Develop scripts for:
        - build process automation.
        - deploy process automation, during ClearCase rebase.
        - backup automation process for NATAPP .
        - garbage cleaner scripts for ClearCase repository.
        - SCM builds and metrics.
        - Build process adaptation from <Apache-maven-2.0.8 ,CrueseControl 1.7.0,SVN> to <Apache-maven-2.0.8, CrueseControl 1.7.0,ClearCase> for RAD 7.0
        - Extensively used Shell and Perl scripts for automatic build and release process and Project Console report system.
    - Created and maintained IBM Rational release areas and install scripts.
    - Installed and configured IBM Rational servers and clients.
    - Provided ongoing support and administration of all IBM Rational tools.
    - Software includes

Employer	Aplana Software, Russia
Role	Senior Consultant
Duration	04/2003 – 03/2007
Environment	Clearquest, MultiSite, ClearCase, UCM, DDTS, CVS, VSS, Disk Access, Shell scripting, Perl, C, C++, Java1.2, JDK tools, HTML, DNS, NIS, NFS, Send mail, SMTP, TCP/IP.

Responsibilities:

Business modeling discipline
- Business USE-CASE diagram creation based on IBM Rational Rose Modeler
- Rational Rose Modeler and IBM Requisite Pro integration.

Requirements discipline

- RMP (requirement management plan) creation.
- Designed and implemented IBM Requisite Pro repository MSSQL 2005.

Analysis & Design discipline

- System USE-CASE, Interaction, State, Activity, Component, Object and Class diagrams design, based on IBM Rational Rose Modeler (UML 2.0)
- Development of transformations from class diagram to Java for IBM Rational Architect.

Configuration & Change management discipline

- Plan, define document Configuration Management Plans for software development projects.
- Manage and implement software development projects for solutions using Clearquest, MultiSite, ClearCase, UCM, DDTS, CVS, VSS, Disk Access, Shell scripting, Perl, C, C++, Java1.2, JDK tools, HTML, DNS, NIS, NFS, Send mail, SMTP, TCP/IP.
- Train and mentor users and administrators.
- Direct technical and project teams.
- IBM Rational ClearCase/Multisite installation process.
- Design and rollout of integrated ClearQuest/ClearCase environment for change management.
- Design, realization and support of Multisite replicated structure.
- Provided SCM policy based on triggers pocket (Perl).
- Individually Coached/Trained several engineers on effective use of ClearCase, and methods of converting from various source control tools such as SSV, CVS, ClearCase LT to ClearCase.

Project management discipline

- Design and implemented Portfolio Manager repository.
- PMP (Project management plan) creation and support based on Portfolio Manager.

Environment discipline

- Adjusting of RUP to customer needs with IBM Rational Method Composer.

PROJECT 1: Configuration management process for "GAMMA" - *Moscow Saving Bank*
Role: Senior software configuration manager (SCM)

Description:
- Improved the efficiency of SCM builds by making changes to the ClearCase, ClearQuest environment.
- Developed and extended software tools for SCM builds and metrics. Extensively used Shell and Perl scripts for automatic build and release process
- Worked with development groups to resolve tool problems and issues.
- Responsible for providing and documenting the Software Configuration Management Plan and processes as well as implementing tools to support the development environment.
- Created and maintained IBM Rational release areas and install scripts.
- Installed and configured IBM Rational servers and clients.
- Created ClearCase/ClearQuest training documentation & provided training for developers, Team Leads and Project Managers.
- Provided ongoing support and administration of all IBM Rational tools.
- Migrated teams from SSV and CVS Version control systems to ClearCase. Migrated old repositories from PowerBuilder 6.0 and VC 6.0 under ClearCase into the new component structure.
- Implemented schema changes to ClearQuest.
- Improved backup methods and implemented disaster recovery plan for all IBM Rational servers.
- Created scripts for automation of build release process.

- Software includes ClearCase UCM, ClearCaseWeb, ClearQuest, ClearQuest Web, IBM Rational Suites, RequisitePro, RequisiteWeb, Rose, TestManager, SQL Server 2000 as backend database for ClearQuest and ReqPro, WSAD, VS .NET.

PROJECT 2: Configuration management process for "RABIS-1" - *Moscow Central Bank*
Role: Senior software configuration manager (SCM)

Description:

- Provided support for IBM Rational servers including ClearCase servers in a Multisite environment, Rational Test Servers, RequisitePro servers, ClearQuest servers, Rational Web and Rational data such as Rose models, test data stores; also supported Rational Administrator .
- Created/updated ClearQuest schemas for the following:
  - Created new record type to allow for defecting requirements
  - Created new common schema to be used by multiple projects
  - Added new fields to control delivery of UCM activities
  - Added new fields to track baselines deployed to QA and Production
  - Tightened security on certain ClearQuest actions based on group enrollment
  - Changes states and actions to better fit the SCM Process
  - Improved and created ClearQuest queries
- Installed and configured ClearQuestWeb and RequisiteProWeb.
- Created and maintained multiple UCM projects, each representing a new release and made sure the projects remain integrated going forward.
- Created shared streams and trained developers on the use of these streams particularly with snapshot views
- Provided assistance in migrating ClearQuest records from one user database to another.
- Planned for ClearQuest Multisite for a ClearQuest user database, which is integrated with a ClearCase UCM Project.
- Provided daily SCM support which includes resolving problems with deliveries, rebases, snapshot views, merge conflicts, Rational tool configuration problems, etc., assist in build issues, configuration of new build machines, clean up of VOBs that grow too large, etc., create new UCM projects and streams when needed, update Rational install scripts, integrate UCM projects, create, promote and recommend baselines, install client software, etc.

Employer	InforMax Inc, Bethesda, Maryland
Role	System Analyst
Duration	06/2000 – 03/2003

Responsibilities:
- Provided ClearCase Architectural Consulting and Guidance, for both initial ClearCase implementations, and upgrades to existing ClearCase environments.
- Migrated repositories from Windows/Unix CVS to ClearCase into the new component structure. (which were approximately 20000 files to ClearCase.)
- Individually coached and trained several engineers on effective use of ClearCase, and methods of converting from various source control tools to ClearCase.
- Identified ClearCase environment & hardware optimizations, drastically improving ClearCase performance & reliability.
- Efficiently upgraded ClearCase from v4.2 to v5.0.
- Defined, installed & configured, high-end Unix & NT Hardware, for optimal ClearCase performance, supporting cross-platform development and multi-platform builds including both client and server software installation and patching.
- Converted 4 major multi-platform projects to ClearCase, from: SourceSafe, CVS, as well as a homegrown source control model.
- Created a ClearCase process, using triggers, to synchronize source code from various projects.

- Redesigned and managed the build/make/source control process for a large MS Windows project, thus reducing the process time from 8 hours to 1 hour.

Note: UCM oriented process, parallel development, build process, distributing process, deployment process, Windows-Unix integration development, composite baselines, subvobs, PERL scripts, triggers, ClearQuest integration, CCWEB (Apache, IIS)

Environment: Clearquest, MultiSite, ClearCase, UCM, DDTS, CVS, VSS, Disk Access, Shell scripting, Perl, C, C++, Java1.2, JDK tools, HTML, DNS, NIS, NFS, Send mail, SMTP, TCP/IP.

Responsibilities:
This was a Search system intended for molecular sequence searching in spatial database. This was a multithreaded tool, which followed a multithreaded mechanism to provide a range of search system. I worked on a parser for SQL Language. There were 2 people in the team and the task was to provide a search system in the database.

- Used CORBA server for database searching.
- Worked with Access control system and OCI wrapper.
- Enabled independent level for search to ORACLE and Berkely DB.
- Multifunctional IDL interface: The CORBA interface for one search system of "GENOMAX" genome database. This search system "CONCEPTLINK" provide search service by flexible customer's criterion using middle request broker server CORBA.
- Used SQL interpreter of query language search system. This module was intended for parsing of input query sentence accordingly the query language rules. This was based on Flex/Bison technology.

Environment: Windows 2000, Visual C++ 0, 6. C++, JAVA, CGI, Solaris 5.6, Sniff v 3.2.1 , C++, CORBA ORBacus 4.0.3, CORBA ACE+TAO (v5.1), Flex 2.5.4, Lexical Analyzer Generator Bison 1.25 YACC-compatible Parser Generator, Berkely DB.

Client	International Airport Sheremetyevo, Cargo Division
Role	Senior software configuration manager (SCM) / Application Designer & Developer.
Duration	06/1995 – 04/2000

PROJECT: Warehouse for cargo airport

Responsibilities:
Software Configuration Manager

This was a project for introducing Rational technology. I performed the following activities:
- Responsible for the development process based on Rational Unified Process 2000.
- ClearCase/ClearQuest integration, RequisitePro/Rational Rose /Rational Test synchronization.
- Component oriented design, Parallel development, build process, distributing process, deployment process, and Windows-Unix integration development.
- Plan, define document Configuration Management Plans for software development projects.
- Manage and implement software development projects for solutions using Clearquest, MultiSite, ClearCase, UCM, DDTS, CVS, VSS, Disk Access, Shell scripting, Perl, C, C++, Java1.2, JDK tools, HTML, DNS, NIS, NFS, Send mail, SMTP, TCP/IP.
- Train and mentor users and administrators.
- Direct technical and project teams.

Environment: Clearquest, MultiSite, ClearCase, UCM, DDTS, CVS, VSS, Disk Access, Shell scripting, Perl, C, C++, Java1.2, JDK tools, HTML, DNS, NIS, NFS, Send mail, SMTP, TCP/IP

Project: Automation technology for International Cargo Airport.
Responsibilities: Application Designer & Developer

This software was developed to automate technology process for International Cargo Airport. I was responsible for a specific module in this system that supports the flight management process, which includes: Meeting Flight Process Management, Load/Unload Flight Process Management, Warehouse Management Process, Time Control Process, Resource Management Process, and Full Service Coordinate Process. All these processes are supported by GUI interface, working in real time events stream. Information about this system you can be accessed at www.shercargo.ru

- Developed a module of automation technology process for the flight management department. The database of this system included more then 2000 tables. Development tools used were SqlForms v3.5, Developer 2000, Visual C++ v5.
- Used Visual C++ v5 and ODBC packages for the development of this particular module.
- Additional responsibilities included CCM service, based on ClearCase 1.0.

Environment: DG UNIX Windows 95, Windows NT, Developer 2000, Designer 2000, PL/SQL, SqlForms v3.5, SqlMenu v3.5 , ORACLE v7.3/Visual C++ v5.0, 6.0+ODBC, IIS, Web Oracle, Perl CCM ClearCase 1.0

EDUCATION

Master Degree in Electronics Engineering
Moscow State Technological University "Stankin"