

Gary D. Duzan

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Overview

Software Developer - 11 Years
Master of Science - Computer Science
Network Administrator - 3 Years

Focus

Middle Tier / Server Side Development
Distributed Systems Design and Implementation
C++, Python, Unix, Linux

Work Experience

Senior Staff Software Engineer

Motorola Connected Home Solutions

Horsham, PA

December 2005-present

Roles	<ul style="list-style-type: none">• Technical Lead• Feature Developer• Architecture Team Member• Legacy Product Support
Technologies and Skills	<ul style="list-style-type: none">• C, Java, Python• Linux, SCO Unix, Solaris• JMS, Spring, Maven, Eclipse• XML• Sybase• Design Documentation• Subversion, TrueChange• Agile Development (Scrum)• TL9000• Digital Six Sigma - Yellow Badge

Projects

- DAC6000 - Access Control Software for Digital Cable
- Reflector - Real Time Event Notification for DAC6000
- WebUI - Enhancements for New Web-based Interface

Software Developer*BBN Technologies**Cambridge, MA**July 2001-December 2005*

Roles	<ul style="list-style-type: none"> • Component Developer • Tool Developer • Technology Integrator • Multi-Organizational Design Participant • Multi-Organizational Development Coordinator • Testing and Integration Facility Maintainer • Integration Tester • Technology Demonstrator
Technologies and Skills	<ul style="list-style-type: none"> • C++, Java, Python • Linux, Solaris, FreeBSD • Cisco IOS • UDP, Multicast, RSVP, DiffServ • CORBA, CORBA Components (CCM), Real Time CORBA • MPEG, CORBA A/V Streaming • Publish/Subscribe • UML • Tk, Qt
Projects	<ul style="list-style-type: none"> • QuO (Quality Objects) - Support and Enhance Adaptive Middleware Tool • ARMS - Dynamic Computing Resource Management System • JBI/QoS - Quality of Service Management for Publish/Subscribe • PCES - Quality of Service Management for Video/Image Streaming
Other	<ul style="list-style-type: none"> • Represented BBN at OMG Technical Meetings • Contributed to technical publications

Member of Technical Staff*GTE/Verizon Laboratories**Waltham, MA**June 1996-July 2001*

Roles	<ul style="list-style-type: none"> • Technical Lead • System Designer • Framework Designer • Component Developer • Framework Developer
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	<ul style="list-style-type: none"> • Client Maintainer • Deployment Support • User Support
Technologies and Skills	<ul style="list-style-type: none"> • C++, Java, Python, Perl • AIX • CORBA, UDP, Message Queues • ANTLR, Threads • Rule Based Systems • Informix, Sybase, Oracle • HTML, Motif • POTS, SS7 • Requirements Collection • Project Scheduling
Projects	<ul style="list-style-type: none"> • TIPS Reporting - SLA Performance Reporting for Data Networks • TIPS Monitoring - Generic Real Time Network Performance Monitoring • TIAS - Retargetable System for Real Time Network Event Correlation
Other	<ul style="list-style-type: none"> • Ported the OmniORB CORBA tool to AIX

Network Administrator

Delaware State Hospital

New Castle, DE

August 1991-July 1994

Recent Training

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| <ul style="list-style-type: none"> • Software Architecture - Principles and Practices (SEI) • Advanced Java - Threads, Servlets, JSPs, MVC (Marty Hall) |
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Education

Master of Science, Computer Science

Northeastern University, 1995-1997

GPA	4.0
Primary Concentration	Programming Languages and Compilers
Secondary Concentration	Systems Software (Distributed Operating Systems, Databases)

Bachelor of Science, Computer and Information Sciences

University of Delaware, 1987-1991

Memberships

Association for Computing Machinery (ACM) (1989-present)

- Special Interest Group on Operating Systems (SIGOPS, 1990-present)
- Special Interest Group on Programming Languages (SIGPLAN, 1996-present)

Other

Active DoD Security
Clearance