

Devon St. Denis - Richard

Data Automation Senior Technician at SNC-Lavalin

whitepaint@gmail.com

Summary

- SmartPlant 3D specialist, Application Developer, Project Manager in a wide variety of business applications.
- Particularly interested in developing computer aids for medical science.

Skills:

Environments - MS Windows (all flavours), MSDOS, DR-DOS, UNIX, OS/2.

Languages - Access, ASP, Assembler, Visual Basic, Basic, C\C++, Cobol, Delphi, HTML, Java, JavaScript, VB.NET, Pascal, Perl, PHP, PowerBuilder, Prolog, Oracle, SQL, XML.

Tools – Adobe Acrobat, Adobe Photoshop, Clarify, Dreamweaver, MS Office, Omnipage, Paperport, Readiris, LDAP, Exchange.

Other Skills:

- Technical Documentation
- ITIL
- Technical Documentation
- Test scripting
- Digital Imaging

Special Skills –

- SmartPlant 3D: I have developed new symbols and automation level programs for: Intergraph, Linde, Iberinco, Flour, URS, SNC-Lavalin, and Tunishi. I have also administrated this tool.
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Experience

Software Development Consultant at Various

August 2008 - Present (7 years 10 months)

- Create and take various specifications for various projects.
- Implement the design after customer approval.
- Create various projects from web to desktop.
- Create various documentation for various projects.
- Add functionality to clients existing code.

- Add efficiency to clients existing code.

Clients Include: Linde, Boss Realty, URS, Iberinco, Fluor, Tsuneishi.

Design Technology Specialist - R&D (lead) at SNC-Lavalin

March 2011 - December 2015 (4 years 10 months)

- SP3D Administration
- Research & Development
- Creating custom symbols for Smartplant 3D
- Fixing existing symbols in Smartplant 3D
- Creating Custom SP3D automation tools
- Extending SP3D beyond the scope of what it can normally do
- Piping, HVAC, Structural, and Hangers & Supports experience
- SP3D automation & COM Layer Expert.
- Technical writing
- Project Proposals
- Spec. Writing
- Resource for other programmers
- Custom Software
- Government research grant received four times, for work implemented.

Chief Technical Officer at The Relaeestate Exchange

November 2009 - January 2011 (1 year 3 months)

- Strategy, planning, and management of projects .
- Implementation and deployment of projects.
- Team development, mentoring, and instruction.
- Business model development.
- Lead programmer.
- Ensure that technology standards and best practices are maintained across the organization.

Engineer/SmartPlant 3D Programmer at Intergraph

August 2008 - August 2010 (2 years 1 month)

- Engineered Specifications for SmartPlant 3D parts.
- Designed and developed software libraries for 3D CAD software.
- Fixed core software bugs.
- Added new mathematical functionality to the existing software.
- Provided support and guidance to 3 other employees

Lead Programmer at Bit-Wize

July 2003 - July 2008 (5 years 1 month)

Design and Code webpages for clients.

Created custom graphics for clients.

Created multiple test scripts for blackbox and whitebox testing of new websites and databases.

WebPages for clients.

Updated and enhanced data retrieval for increased efficiency.

Increased flexibility in reporting features while improving screen readability and design.

Tier 3 technical support/CERT (team lead) at HP

September 2004 - February 2008 (3 years 6 months)

Performed research and support for HP brand desktop and network scanners. Handled escalations.

Performed research on unexpected hardware and software malfunctions; Created resolutions for new issues.

Wrote technical documentation for researched issues and products. Provided resource for agents on multiple teams as well as the HP engineers. Created accurate reports generating software. Created software to support the frontline agents.

Game AI designer at Gangster Games

June 2003 - September 2003 (4 months)

Contracted to design and develop AI tactics and behaviours for characters in a game using RenderWare.

Systems Administrator at Shoal Lake School

September 1997 - May 1998 (9 months)

Set up a proxy network for about 100 computers for use with the internet and other shared devices using Lantastic and Novell. Performed maintenance and technical support for the school.

Skills & Expertise

Software Development

Visual Basic

XML

Databases

SQL

JavaScript

Unix

VB.NET

Java

PHP

Perl

HTML

ASP

SmartPlant

Software Documentation

Integration

Troubleshooting

Oracle

C#

Software Design

Programming

Web Services

Software Project Management

SDLC

Visual Studio

Microsoft SQL Server

SP3D

.NET

ASP.NET

ITIL

Software Engineering

Web Applications

Windows

Education

Brock University

B.Sc.(Specializing in Artificial Intelligence), Computer Science, 2000 - 2003

Activities and Societies: CSC, Helped with candidate recruitment

George Brown College

Diploma, Computer Programming, 1997 - 1999

Activities and Societies: Taught a C\C++ programming course at George Brown College.

Interests

Useful software development, Gourmet and world cooking, Kung-fu, Movie script writing, Hockey.

Honors and Awards

NSERC Grant

Government of Canada

Received 4 times for developing new techniques and research in Engineering via programming

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1 person has recommended Devon

"Devon is a very strong technical minded individual who has strong problem solving and troubleshooting skills. He's a great colleague to throw ideas at and one can expect great feedback from. Devon's technical abilities are matched with his desire to produce great work. He's a hard working individual, strong team player and an asset to any team."

— **Coy Wong**, worked directly with Devon at Gangster Games

[Contact Devon on LinkedIn](#)