

Zachary Smith

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STATUS U.S. Citizen

SKILLS SUMMARY Senior software developer with over 10 years of experience. I have been an integral part of the development of nearly two dozen commercial applications in environments ranging from enterprise to retail in the healthcare, network management, knowledge management, and cable provider industries. Proficient in a variety of tools, processes, and technologies.

Languages

C/C++

Java

C#

PL/SQL, T-SQL

ASP.Net

PHP

HTML/CSS, JavaScript

Objective C

Network Protocols/Transports

TCP/IP

FTP, HTTP, SSH

Web Services

XML RPC

Platforms

Windows, Linux, Mac, iPhone

Technologies/Processes

Scrum, Agile, TDD

Multithreading/Concurrent Programming

Design Patterns

Algorithms and Data Structures

SDKs/Libraries

.Net, Java FCLs

Win32, MFC, OpenSSL, ZLib

iPhone SDK

Databases

MS SQL Server, Oracle, MySQL

PROJECTS

Knewco, Inc.

Concept Web PHP Knowledge management portal for life scientists

Concept Co-Occurrences Java vector differencing engine

Cox Communications, Inc.

McAfee Provisioning C# windows service for McAfee partner processing

E-Mail Notifications Java XSLT templated email notification service for Cox work orders

NextGen, Inc.

NGDownloads ASP.Net/C#/SQL secure client update/file management

CHS C#/SQL Healthcare practice management application

IVR Interfaces SQL sprocs and DTS for IVR export/import

Ipswitch, Inc.

WS_FTP Pro C++/Win32/MFC async multithreaded FTP client

WS_FTP Server C++/Win32 async multithreaded FTP server

WS_SSH C#/C/C++ async multithreaded SSH server

IMail C++ I/O completion port framework for SMTP server

WhatsUp Gold C++/Win32/MFC async network monitor

Installs Installshield/Windows Installer installs for all Ipswitch products

RTPatch Patch updates for all Ipswitch products

Whatsup Unix C++/GTK Linux network monitoring application

Reality Check, Inc.

SystemZ Java thin client application

Whols Java Whols applet

EMPLOYMENT

Senior Developer, Knewco, Inc

Full Telecommute, October 2007 – December 2008

- Worked with a globally distributed team on a knowledge management portal for scientific communities.
- Independently developed a vector differencing engine for processing MedLine publications
- Performed as developer, team lead, and tester.
- Projects completed on time and to specifications.

Software Engineer, Abacus Search LLC

Atlanta, GA September 2006–April 2007

- Contracted to Cox Communications, a Fortune 500 cable and Internet provider.
- Independently developed a Windows service to automate customer McAfee AV bundle orders.
- Led a team to develop a template driven customer e-mail system for customer order feedback.
- Both projects completed on time and to specifications.

Software Engineer, NextGen, Inc

Atlanta, GA October 2005–September 2006

- Worked with a team to provide a variety of customer solutions.
- Independently developed several tools used internally.
- Worked with customers directly to develop and fulfill requirements on several projects.

Software Engineer, Ipswitch, Inc.

Augusta, GA June 2000–August 2005

- Worked with a team on WS_FTP, Whatsup Gold, and IMAil.
- Implemented and maintained installs for all Ipswitch products.
- The results of my work are still an integral part of these products.

Software Engineer, Reality Check, Inc.

Augusta, GA February 2000–June 2000

- Ported C++ applications to Java applets in contract with Zortec.

EDUCATION

2 years of BSCS at Augusta State University, Augusta, GA