Vinay Pandey

Software Engineer - Allscripts Software

King of Prussia, PA - Email me on Indeed: <u>indeed.com/r/Vinay-Pandey/6c9a37ec7fb3fc2a</u>

WORK EXPERIENCE

Software Engineer

Allscripts Software - July 2011 to Present

Debugging the software for memory leaks using WinDbg/SOS and plugging the leaks to improve performance; performing crash-dump analysis of software to ascertain the root cause of software failure and creating hot-fixes to ensure software reliability. Maintaining existing software by adding extra features and fixing defects. Major work is done on C#.net and VB.net and C++ being secondary language of choice.

Student Software Developer

University of Florida - August 2009 to December 2010

Creating analysis tools in Excel VBA for statistically analyzing cancer research data, using techniques such as curve fitting, Fast Fourier Transform and standard statistical operations like mean, median and mode - custom macros were designed to operate large amount of data from multiple files. Beside this, developed a firmware on Rabbit 4000 microprocessor using Dynamic C for tracing location of animals inside a box.

Business Analyst

Evalueserve - April 2007 to August 2008

Analyzing the financial performance of companies using ratio analysis and going through annual filings; performing strategic analysis such as Porter's five forces model, SWOT and PEST analysis for the target companies; this was done for one of the top four biggest audit firms of the world. Along with this, mentored, guided and helped junior team members to prepare their reports to maintain quality standards.

EDUCATION

MS in Computer Engineering

University of Florida

August 2008 to December 2010

MBA in Finance

FORE School of Management

June 2004 to April 2006

Bachelor of Information Systems

GGS Indraprastha University

August 2000 to May 2004

ADDITIONAL INFORMATION

Skills

Computer Languages C#, C++, Java, VB, SQL, LISP

Scripting VBA, VBScript, JavaScript,

Database SQL Server

Mathematical Tools MATLAB, Mathematica, SPSS
Languages English, Hindi

Current visa status: Authorized to work in USA for current employer, Indian national