

Amro Ibrahim

Senior Software Engineer / C++ Developer - CAREER NOTE

Johnston, IA - Email me on Indeed: [indeed.com/r/Amro-Ibrahim/3c5fbc99773dae84](https://www.indeed.com/r/Amro-Ibrahim/3c5fbc99773dae84)

WORK EXPERIENCE

Senior Software Engineer

Shazam - ITS - Johnston, IA - November 2012 to Present

Senior Software Engineer / C++ Developer

Performed design, development and testing of an existing system utilizing C++.

- Detect transaction using foreign EMV Credit/Debit Cards, and limit transaction amount.
- Adding support for EMV (ICC) enabled Credit/Debit cards to network.
- System stability and continuity by diagnosing and resolving issues, bugs, and errors.

Technologies used: C/C++, Visual Studio, Eclipse, HP Non-stop, UNIX, Shell script, Batch file script

Leader

MENTOR GRAPHICS - 2007 to 2009

in electronic design automation software.

Senior Software Engineer

Recruited to lead analysis, reverse engineering, and enhancement of advanced digital circuit simulator products including QuickSim, QuickSim Pro, AccupartGen, Accuparts, Model Simulator, and AnalogDA. Performed system design, coding, debugging, and documentation. Implemented object-oriented methodology, C++ and Assembly programming under UNIX, Linux, and Windows environments.

AMRO IBRAHIM •• amro.ibrahim@outlook.com

MENTOR GRAPHICS:

- Pivotal driver of on-time delivery of fully scalable systems with cross-platform code compatibility; aggressively meeting project milestones within the scheduled timelines.
- Successfully migrated code from Unix to Windows platform, maintaining full functionality.

Technologies used: C/C++, Java, Visual Studio, Netbeans, Windows, Unix, Linux, XML

Software Engineer

ISOURCE, Egypt - 2005 to 2007

Led and supported development and programming of Telecommunication Data Analyzer for Mobinil Legal Client product. Managed and executed all phases of SDLC from requirements gathering and functional specifications through design/architecture, testing, and follow-up support. Deployed C, C++, and Java programming while optimizing Oracle server under UNIX environment. Developed GUI using JSP.

- Interfaced extensively with software/hardware/operations engineers and quality teams to expedite defect tracking and resolution, ensuring on-time delivery of builds.
- Earned reputation as top performer and key contributor to successful project completion, delivering client capability of maintaining record of 35 million calls on Mobinil network per day.

Technologies used: C/C++, C# .Net, JAVA, JSP, VBA, MS SQL 2000, Visual Studio, Windows, Unix

Software Engineer

MACROCELL - 2003 to 2005

Integral team member focused on developing and enhancing Chat Client, P2p File sharing, IE add-in toolbar applications for products including Axcentor, Axmate, Axbar. Performed system/user interface design and programming utilizing MFC and API. Built new custom controls using MFC and W32.

- Noted for consistently achieving timely delivery of advanced applications utilizing MFC, ATL, STL.
- Routinely commended as innovative problem solver with superior debugging skills.

Technologies used: Visual C++, C# .Net, MS SQL 2000, Visual Studio, MFC, ATL, COM, COM+, DCOM Windows

EDUCATION

Master's in Computer Science

Maharishi University of Management - Fairfield, IA

Bachelor of Science in Computer Engineering

Arab Academy for Science & Technology - Cairo

ADDITIONAL INFORMATION

AREAS OF EXPERTISE

Software Engineering • Systems Analysis, Development, Testing • R&D • Prototype Development
Requirements Analysis • Programming & Coding • Debugging & Defect Tracking • Proof of Concept

TECHNICAL SKILLS

Languages: C/C++, Visual C++, Java, C# .Net, VBA, NXC, ROBOTC

Web: HTML, JSP

Scripting: VBA, Shell Script, Batch Files

Databases: Oracle, MySQL, MS SQL

Technologies: STL, MFC, ATL, WTL, QT, COM, COM+, DCOM, XML

Tools: Visual Studio 6.0/ [...] Eclipse, Netbeans

Mobile Technologies: Windows Mobile 5/6

Platforms: Windows, Linux (Redhat, Ubuntu), Unix