

Emmanuel Huna

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For more detailed and up-to-date information, please visit <http://www.ehuna.org>

Professional Summary

Highly motivated, creative and accomplished Software Engineer with 11 years of increasingly responsible experience. Seeking a challenging development position with a company that offers the opportunity to utilize my expertise in overseeing the design and implementation of high quality applications using **MS Visual Basic, ASP/MS IIS Server, MS SQL Server, and/or HTML/Javascript/XML**.

Employment History

July, 2001 – Present

Senior Software Engineer, Team Lead

365 Media Inc.

San Mateo, CA

Designed, implemented, tested, and built numerous projects using **MS SQL Server 2000, MS Visual Basic 6.0, ASP pages, and HTML/Javascript/XML**. Responsible for the design and accomplished projects on time in the following areas:

- *Newsletter Publishing:* Created a bulk email application allowing Publishers to mass email their customers through an easy to use interface. Through the mechanism of well thought out load balancing solutions, over 20,000 emails were sent per day. Implemented numerous administrative screens that allowed Publishers to create an email newsletter, manage the distribution list, and send the messages to thousands of recipients with minimal effort.
- *Reader Response System:* Through “bingo” cards, magazine readers can request information on specific advertisers. Each advertiser is assigned a code, which can be entered through a given URL. Responsible for designing, implementing, testing and building the system. Designed the **database schema**, wrote the **SQL stored procedures**, coded the **Visual Basic ActiveX DLL** functions, wrote the **XSL transformations** and integrated it all with the **HTML/Javascript** front-end. Project was executed in a record time of 2.5 weeks.
- *Ad Server:* Implemented a full ad serving solution. Responsible for the **database schema, SQL stored procedures, VB middleware code**, and front-end. Implemented easy to use API for 3rd party applications and administrative screens for the ad management system.
- *Fax Publishing:* Allowed Publishers to easily send faxes to their customers. Integrated with 3rd party system, CyberData, using **SMTP and XML tags** to send faxes.
- *MS Exchange 2000:* Installed, configured and maintained MS Exchange 2000 to support the internal message store.
- Organized the Engineering Department:
 - Introduced a source control system (Visual Source Safe), implementing branches as well.
 - Installed and configured the open source Bugzilla on **Linux**, a full feature bug tracking system.
 - Planned the release of numerous projects taking the team through all phases of the software development cycle: design, development, testing and release.
- Responsible for numerous client implementations. Analyzed and understood the client’s data. Planned the integration of customer’s data with 365 Media’s existing systems. Using **MS MTS**

transferred the data from numerous sources (MS Access, ASCII, Excel, Quark, etc...) into 365 Media's **MS SQL Server** databases.

February, 2001 – July, 2001

America Online

(AOL)/

Time Warner Inc.

Mountain View, CA

Applications Development Manager, AOL Voice Unit

- Managed three teams of 4 software engineers (12 developers total).
- Assumed responsibility for the development life cycle and release management of numerous projects. All projects managed were completed on time and on budget
- Ensured close coordination with Quality Assurance, Systems Engineering, Product Management and Development team leads.
- Created knowledge base and detailed documentation for all projects.

February, 1998 – February, 2001

ThinkLink Inc.

San Francisco, CA

Senior Software Engineer, Team Lead

Designed and implemented ThinkLink's Unified Messaging systems. Responsible for the design and accomplished projects on time in the following areas:

- Invoicing and Billing – Integrated with 3rd party billing system and credit card clearing house to provide monthly invoicing and billing. **Visual Basic** applications used **TCP/IP, FTP and COM** objects to integrate with the credit card clearinghouse.
- Web applications - using **MS IIS 4.0 and ASP** pages, implemented a complex unified messaging application including Address Book, Email, Fax, Inbound and Outbound calling, Voicemail, Invoice display, Filters, Folders, Call Forward, Follow Me, Call Screening, Paging, Streaming Audio and Message Alert
- Email – Integrated 3rd party email server into ThinkLink's system. Implemented incoming and outgoing email functionality, including the retrieval of external POP email through complex **Visual Basic** applications. Wrote applications that ran as **NT services**, using both in-proc and out-of-proc servers (**COM – ActiveX DLLs and EXEs**). Integrated services with **MS Exchange v5.5**.
- Database – using **MS SQL Server 6.5/7.0**, improved the existing schema and designed new tables for ThinkLink's main database. Applications accessed the database using **ADO/RDO** through **ODBC** connections.
- Administration – Designed and implemented a Web site for Administrators and Customer Service Representatives (CSRs) that included: session management, personal/billing information, communication settings, customer call tracking, account searches, phone number management, account details including Web and Phone access, quotas, rate plans, credit card transactions, message broadcasting to customers (by email, fax and voicemail), home voicemail and long distance subscriptions. **ASP with ODBC** connections were used in the implementation of the Admin Site.
- Applications were written in **Visual Basic and Visual C++** for **MS Windows NT 4.0**.
- Integrated 3rd party billing system and acquired multi-platform experience with hands-on development accomplished in **C/C++ under Unix while using Apache and Oracle** (under **Solaris 2.6**).

October, 1995 – December, 1997

SGH Multimedia Ltd.

San Francisco, CA

Tel-Aviv, Israel

Senior Programmer

Developed multimedia applications for the Internet using **Visual Basic 5.0, Visual C++ 5.0, Delphi 3.0,**

HTML, CGI, ASP pages, ActiveX Controls and Servers, TCP/IP, Windows Help system, and installation scripts. Built client/server systems and instituted a support service in the U.S. to help companies integrate and convert their applications using SGH's technology.

August, 1994 – October, 1995
Consultant

Capella Computers Ltd.
Tel-Aviv, Israel

Developed multiple applications in **Visual Basic and Visual C++** for Windows 3.1.

March, 1993 – August, 1994
Programmer

Dynamode Systems Ltd.
Petah Tikvah, Israel

Developed voice answering systems for fax/modems cards. Programmed using **Turbo Pascal V7.0 for MS-DOS and Assembly Language.**

Technical Skills

- *Programming and Script Languages*
Visual Basic, ASP, VBScript, JavaScript, HTML, SQL, C, C++, Visual C++, Pascal, Delphi, Perl, Cobol, Assembly and Fortran
- *Operating Systems and Platforms*
MS Windows (3.1/95/98/NT/2000/XP), Unix, Solaris (2.6, Sun OS), Linux (Redhat), Vax, VMS, DOS
- *Technologies and Miscellaneous*
COM, DCOM, ActiveX, Microsoft Internet Information Server – IIS, MS SQL Server, XML (DOM, SAX), TCP/IP, ODBC, OLE DB, ADO, RDO, POP, SMTP, HTTP, FTP, MTS, Apache, CGI, Oracle, Real Audio, MS Exchange, MS Office, MS Access, Foxpro, DBase, MS Visual Interdev, MS FrontPage, Sun Workshop, MS Project, VSS, Perforce, Track, Adobe Photoshop and Macromedia Director and Paint Shop Pro

Education

1991 - 1993 Bar-Ilan University, Tel-Aviv, Israel

B.A. Computer Science and Mathematics

1988 – 1991 Technion, Israel Institute of Technology, Haifa, Israel

B.S. Aeronautic Engineering and Space Science

1986 Lycee Beau-Site, France

French High School Diploma in Computer Science and Mathematics

On March 1998, Obtained from the "Foundation for International Services, Inc.", 19015 North Creek Parkway, Ste 103, Bothell, WA 98011-8029, the equivalence of a bachelor's degree in Computer Science from an accredited College or University in the United States

Languages

Fluent in English, French, Portuguese, and Hebrew.

References

Excellent references available upon request

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