

Jorge Monasterio

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Summary

Experienced Software Developer with Consulting and Electrical Engineering background. Ability to come to speed very quickly. Looking for a “hands on” software development role.

Technical Skills

- Windows C# and F#
- Java on Windows and Linux
- C / C++ on Windows and Linux
- DB: Postgres, SqlServer, mySQL, Sqlite
- User Interface Design / Javascript
- ELM, HTML / JS / PHP / ASP.NET / MVC.NET
- Kubernetes / Docker / AWS / Azure
- TCP/IP / SMTP / SNMP / UDP / FTP
- Embedded C / Embedded Linux
- Internet Browser Plugins (IE / Firefox)
- Git / Mercurial
- Programming ActiveDirectory / LDAP
- Mobile: IOS
- Windows: COM / Active X / MFC / ATL
- Imaging: TWAIN, ImageControls, VRS

Employment History

Consultant, Software Product Development

May/04 – Present GeoMar, LLC (Self-employed)

Project List:

- **ThinkIQ.COM** – (1.5 years) Industrial automation analytics. Postgres DB design and partitioning of time series data in Postgres. Deep familiarity with Postgres. GraphQL, Groovy, PHP, Kubernetes, Docker, Joomla, Java. Data analytics.
- **Ephesoft** – (1 year) Document management. Java Swing web application development for imaging application.
- **Fujitsu Computer Products of America** (6 years) – Windows document Scanning Applications in C# / Winforms. Created custom scan applications for embedded hardware.
- **NASDAQ 100 Company** (7 months) – Created new supply chain management SAAS application in C# / MVC.NET / SQLServer.
- **TigerConnect** (5 years) – ActiveDirectory synchronization Windows Service. Windows C# UI application.
- **Kofax Image Products** (8 years) . Document management and image processing. C#, C++, & Java. Scanning applications and toolkits.
- **SouthRiverTech.com** –(8 years) Secure file transfer. C++ code for several ASP.NET products including GroupDrive and Cornerstone (FTP client).

- **OptionEase.com** –(5 months) C#/ASP.NET SAAS financial software on SQL Server database.
- **QSC Audio** - (7 months) Audio processing. C# distributed control system and Winforms UI for audio systems.
- **PivX.com** (2 years) – Development of Windows-based Security analysis tool.
- **Emida.net** - (1 year) Technical due diligence.
- **Supplier-info.com** (2 years) - Development of single-sign-on plugin for Internet Explorer.

Manager, Software Engineering

June/02 – May/04 GoRemote, Inc. (Formerly Axcelerant, Inc, now iPass) Irvine, CA

- Developed software and system to provide managed broadband service and security to Fortune 500 clients.
- Managed team of 11 developers and one tech-writer on various ongoing IT and development projects. Technologies include: Oracle, MySQL, Java, Perl, FileMaker, multiple IIS and Apache websites, etc.
- Team performed development and maintenance on all internal operational systems. Full technical responsibility for all high availability systems in telecommunications environment with extremely high security requirements.

Director, Software Engineering

June/00 – June/02 CQOS, Inc. Irvine, CA

- Directed teams totaling 3 software managers and 23 software engineers.
- Early employee at startup that developed products for measuring IP quality-of-service. The main customers were Internet service providers and telecommunications companies. My three teams' main efforts were in the data collection, storage (Oracle), and reporting of measurements collected by distributed custom hardware. We were also responsible for web-based presentation (Java/WebLogic) and integration with third-party network management systems.

Manager, Software Development

Feb/94-June/00 Kofax Image Products Irvine, CA

- Managed teams of up to ten C++, C, and Visual Basic developers creating document management applications and toolkits. Experience working with multi-disciplinary teams. Projects up to 500K lines of mixed language code.
- Consistently assigned to key projects using latest technology. Successfully shipped company's first XML product, first internet-based product, first ActiveX product, and first 32-bit products.
- Technical contributor/architect: COM, ActiveX controls, VB 4/5/6, ASP, HTML, DHTML, IIS, software toolkit design, image scanning and image processing.
- Leader of engineering initiatives such as daily builds, code inspections, coding standards, reuse library, and gate-system. Also managed engineering services group supporting company-wide configuration management.

Consultant

June/91-Feb/94 Self Employed

- Designed and developed custom Windows software, firmware, and hardware for various customers, mainly related to laser printing and image scanning technologies.
- Specialized in converting ideas into prototypes for pre-funded companies. Extensive technical presentations to venture capitalists, investors, and customers.

Manager, Electrical Engineering Department

Feb/90-June/91 Star Micronics Long Beach, CA

- Managed hardware team (one analog engineer, one firmware engineer, and one technician) that developed various components for laser printers. I performed the digital electronic design and firmware design on these projects. Startup was acquired by Star Micronics.

Electrical Engineer

Oct/88-Feb/90 Texas Instruments, Defense Electronics Systems Dallas, TX

- Designed hardware and software for FLIR (forwarding looking infra-red) night-vision systems.

Education B.S.E.E., University of Dayton, Ohio, 1988. Graduated Cum Laude.

Fluent in French and Spanish.

Patent US patent #5,488,467: Laser Printer Paper Handling System.