

# JOHN SROKA

917-512-6246 • [john@johnsroka.com](mailto:john@johnsroka.com) • <http://johnsroka.com>

**OBJECTIVE** To work in Web Development, or an allied field, in which my problem solving, computer and people skills can make a valuable contribution.

## SKILLS

### *OSS & Web Platforms:*

- blogs / CMS: Blogger, ExpressionEngine, KBPublisher, Squarespace, WordPress (.com & .org), Zenphoto
- bulletin board / forum software: phpBB
- e-commerce solutions: PayPal 2.0 Certified Developer, Magento, osCommerce, X-Cart, Zen Cart

*Programming & Scripting Languages:* C, C++, Java, JavaScript, PHP, SQL, (X)HTML, XML, Microsoft Visual Basic & Visual C++ (OpenGL & MFC)

*Applications:* Adobe Dreamweaver, Fireworks & Photoshop, Microsoft Access, Excel, Outlook & Word

*Operating Systems:* Experienced in using Apple Macintosh OS X, Microsoft Windows XP and UNIX (bash shell scripting, awk, sed & Perl)

## EXPERIENCE

### **John Sroka Technical Services** *Web Engineer*

**New York, NY**  
2004 to Present

Developer of custom web-based solutions for small businesses who are looking to enhance their online presence and identity.

- Applied knowledge from being a Consultant and Service Provider to handle client relations and learn project management
  - Expanded upon PHP skills used to build an internal website at Questa Corporation
- Learned client-side scripting with W3C valid (X)HTML, CSS, JavaScript (w/ jQuery framework) and Ajax
- Strengthened server-side programming skills by learning to develop for open source LAMP (Linux, Apache, MySQL and PHP) stack
- Provider of hosting service setup, basic search engine optimization, ongoing site maintenance and webmaster technical support

### **Tokio Marine Management – Claims Service** *Claims Service Associate*

**New York, NY**  
2006

Performed beta testing of the client's new claims handling software

- Applied knowledge of Visual Basic GUI design and application usability
  - Used Rational RequisitePro software to track that all requirements were implemented properly
- Researched and processed medical claims for payment using the company's internal data entry, filing and retrieval processes
- Served as point of contact both internally and externally for general claims service and bill resolution issues

### **Oxygen Media – Creative Services** *Creative Services Consultant*

**New York, NY**  
2005

Improved the workflow of print and on-air production artists

- Applied knowledge of fontography and Macintosh font management software
  - Extensis Suitcase Server X1 (font server and asset management software) running on Macintosh OS X
- Classified and organized the font collection used by production artists with regards to their specific usability needs
- Customized the font management software to aid in the handling of the department's font collection

**Real Time Enterprises, Inc. – Current Engineering**  
*Software Engineer*

**Rochester, NY**  
2001 to 2003

Developed and debugged FDA compliant software upgrades to provide new and improved features for Johnson & Johnson clinical chemistry analyzers

- Applied knowledge of developing and debugging C software
  - PL/M and C software developed on a Sun workstation running Solaris and compiled for iRMX in DOS
- Learned PL/M programming language and integrated upgrades into pre-existing PL/M and C code
- Learned how to control the software using the iRMX embedded real-time operating system
- Modified the analyzer's GUI to take advantage of all newly added features

**Questra Corporation – e-Appliance Solutions Team**  
*Consultant*

**Rochester, NY**  
2000 to 2001

Retrofit a new embedded software architecture into Sharp Labs of America's next-generation networked digital imager

- Applied knowledge of the C programming language gained from a degree in Computer Engineering
  - Implemented the Integrated Print Systems (IPS) architecture for a MIPS processor running pSOS
- Learned how to analyze and break apart existing software and adapt it through methodical development and debugging
- Researched Adobe Type 1 and CIDFont formats to enable printing of international character sets
- Aided in implementing and debugging the SNMP agent for easier remote monitoring and management of the imager and its supplies

**Eastman Kodak Company - Research & Development**  
*Software Engineer Intern*

**Rochester, NY**  
Summer 1998 & 1999

Designed and developed software for a high volume lenticular printer prototype

- Applied knowledge from software engineering coursework
  - Learned Visual Basic and used it to construct a GUI which interacts with external hardware components
- Created custom user controls using Adobe Photoshop and Illustrator for a consistent and intuitive end-user experience
- Created a printer simulation DLL in Microsoft Visual Basic and integrated Microsoft Access databases using SQL to record and display statistics and errors
- Developed an efficient, robust communication protocol between a Delta Tau PMAC-PC servo motion controller and Windows NT
- Tested the protocol over RS-232 to establish reliability over extended periods of time and ported it to C for use on VxWorks

**EDUCATION****Clarkson University***Bachelor of Science in Computer Engineering***Potsdam, NY****May 2000**

- Designed and implemented a traffic light controller's on-board intersection configuration software
  - Used an emulator to develop and debug low-level C code for an Intel 8088 processor
  - Designed a GUI to configure and monitor the status of the controller
  - Developed a communication protocol over RS-232 between the controller and a Windows based traffic simulator coded in Java
- Developed a networked card game for Windows using C++ utilizing MFC for the user interface and WinSock for TCP/IP communications