

## **Richard Bullington-McGuire**

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<http://bullington-mcguire.com/>

### **Objective**

A management position where 15 years of experience in delivering great software will help build exceptional information technology systems

### **Skills**

- Full life-cycle management of software projects using agile practices: short iterations and daily cooperation
- Management of distributed development teams
- Software engineering skills: estimation, UML modeling, project control, unit testing, configuration management, version control, defect tracking, release engineering, and packaging
- Expert in content management systems, design patterns, OOP, internationalization, and application security
- Languages: expert in Java, C, C++, SQL, Perl, bash, Visual Basic for Applications, XHTML, and CSS; experienced with Python, PHP, Javascript, Pascal, ASP
- Databases: PostgreSQL, MySQL, Microsoft Access, Microsoft SQL Server, Oracle, DBase
- Tools: GNU Make, Apache Ant, CVS, JUnit, Subversion, RPM, Nullsoft NSIS, UNIX shell commands
- Platforms: Java/J2EE, Windows, Linux, CGI/HTTP, wxWidgets (cross-platform)
- Excellent verbal and written communications skills, including public speaking, proposal writing, and presentation skills
- Business skills: budgeting, recruiting, mentoring, strategic planning, performance management, managing professional development, team building

### **Experience**

**Managing Partner, PKR Internet, LLC (Computer Software Industry, Arlington, VA) May 2001 – Present**

**Primary Functions: Software Development Manager, Software Developer, System Architect, Business Manager**

- Founded business with 2 other partners to pursue software development and web-related opportunities
- Secured a \$2.4 million web software development and maintenance contract with Morgan Stanley
- Developed and managed a private online service for thousands of financial advisors from around the globe
- Coordinated actions of distributed development team working from 5 locations on 2 continents
- Managed development of multiple online services requiring PayPal payment gateway integration
- Published Taskjitsu, Open Source professional services automation software that tracks both tasks and time
- Developed the Computerized Oral Proficiency Instrument software for the Center for Applied Linguistics
- Managed multiple software projects involving internationalization in both Western languages and Arabic
- Handled all accounting, sales, marketing, and human resources for 6 staff members

**Chief Technology Officer, Microstate Corp. (Computer Software Industry, Dulles, VA) July 1997 – May 2001**

**Primary Functions: Software Development Manager, Software Developer, System Administrator, R&D Manager**

- Recruited, trained, and managed development team of 9 people
- Managed multiple web development projects while simultaneously carrying out research and development of new products
- Drove adoption of Java, Linux, version control, defect tracking, estimation, design patterns, and XP
- Acted as co-architect of an Open Source application server written in Java, Microstate Hamilton
- Developed web projects for Morgan Stanley, the Bermuda Stock Exchange, and other commercial companies

**Founder and President, The Obscure Organization (Non-profit Organization, Arlington, VA) April 1995 – Present**

**Primary Functions: Executive Management, Educator , System Administrator, Community Builder**

- Founded 501(c)(3) non-profit dedicated to promoting creativity and community through technology
- Taught elementary-age children programming and design using Scratch, an MIT programming toolkit
- Provisioned free Internet services using Linux for non-commercial use by individuals and non-profits
- Contributed to the One Laptop Per Child project by provisioning a Jabber (chat) server for the D.C. area

**Chief Technology Officer, Intelligent Decisions, Inc. (Computer Manufacturer and Integrator, Chantilly, VA) June 1993 – June 1997**

**Primary Functions: Sales Engineer, Systems Engineer, Network Administrator, Programmer**

- Supported company growth from 10 to 45 people, as sales grew from \$25 million to over \$100 million
- Provided pre-and-post sales support to key clients, including GTE and the U.S. Departments of State and Defense
- Started Internet Services line of business acquired by Microstate Corp. (formerly ObjectLinks)
- Managed web development team and network administration staff

**Publications**

- "Recovery of RAID and LVM2 Volumes". Linux Journal, June 2006: 52-56.
- "Real-World SELinux". Linux Journal, July 2007: 84-88.

**Professional Qualifications**

- Member of IEEE, IEEE Computer Society, and the Association for Computing Machinery
- Open Source project contributor: PostgreSQL, MRTG, JPackage.org, jabberd2, diradmin, and wpDirAuth

**Community Involvement**

- Second Vice President and Webmaster, Arlington Heights Civic Association (volunteer)
- Webmaster and Classroom Aide, Arlington Unitarian Cooperative Preschool (volunteer)

**Education**

Virginia Polytechnic Institute and State University, studies in Computer Engineering and Studio Art, 1990-1993  
George Mason University, studies in Computer Science, 1994

**References available on request**