

MATTHEW GERTNER

PROFILE

Consultant, software developer and Mozilla expert.

CLIENT TESTIMONIALS

"We are very pleased with our experience collaborating with Matt Gertner. His deep knowledge of Mozilla technologies and rare expertise on cross-discipline, cross-platform development proved invaluable to the project. More importantly Matt consistently demonstrates the highest level of professionalism throughout our collaboration."

JJ Zhuang, Yahoo! Zimbra Server Architect

"Matthew is a highly driven, vastly experienced web and software developer with extreme knowledge of complex programming languages. Unlike others in his sector, Matthew's talent for programming is supported by a natural ability to communicate precisely and coherently about highly technical issues. The combination of these rare qualities makes Matthew a joy to work with and an excellent CTO for any web project."

Jon Beddoes, Director and COO, RadFactory Ltd.

EXPERIENCE

2008-PRESENT

VOLUNTEER, MOZILLA PRISM

PRAGUE, CZECH REPUBLIC

- Lead role in formulating product strategy
- Lead role designing and implementing new Prism features in C++ and JavaScript
- Bug triage
- Documentation
- Marketing and promotion

2008-PRESENT

CONSULTANT, MOZILLA DEVELOPMENT, VARIOUS CLIENTS

EUROPE AND UNITED STATES

- Languages and technologies used: C++, JavaScript, XPCOM, XULRunner, NPAPI, ActiveX, Pascal
- Custom Prism development
 - OS X improvements
 - Splashscreen

- Platform API
- Dock and tray icon menus
- Minimize to tray
- Protocol handlers
- Autostart
- Preferences
- Automated packaging/install system for Windows and OS X
- Firefox extension development
 - Download accelerator
 - Windows tray icon support
- Plugin development
 - NPAPI for Firefox (Windows, OS X and Linux)
 - NPAPI for Safari (Windows and OS X)
 - Active X for Internet Explorer (Windows)

2007-2008

CONSULTANT (PRISM), MOZILLA CORPORATION

MOUNTAIN VIEW, CA

- Ported Prism application and extension to Mozilla build system
- Documented use of Mozilla build system for XULRunner apps
(developer.mozilla.org/en/docs/Creating_XULRunner_Apps_with_the_Mozilla_Build_System)
- Desktop integration features (icon encoders, dock badging, tray icon, shortcut generation, etc.)
- Favicon downloader
- Ported Firefox features to Prism (password manager, autocomplete, etc.)

2003-2008

CO-FOUNDER AND CHIEF TECHNOLOGY OFFICER, ALLPEERS

PRAGUE, CZECH REPUBLIC

- Formulation and articulation of the company's technological vision.
- Recruitment and management of the development team (1 Director of Engineering, 5 developers, 2 QA, 1 usability expert, 1 graphic artist).
- Active participation in core development of AllPeers, an award-winning peer-to-peer application for private file sharing, based on the Mozilla Firefox web browser.
- Main author of the company blog Peer Pressure (over 2000 subscribers).
- Active participation in fund-raising activities, including institutional investment round led by Mangrove Capital Partners.

- Numerous interviews with traditional press and bloggers.
- Frequent conference speaker.
- Primary liaison to Mozilla community.

1998-2002

CO-FOUNDER AND CHIEF EXECUTIVE OFFICER, SCHEMANTIX

PRAGUE, CZECH REPUBLIC

- Recruited and managed a team of 25 developers performing contract and product development.
- Articulated the vision for the Schemantix Business Suite, a product for XML-based B2B integration.
- Active role in fundraising and sales activities.
- Negotiated a strategic partnership with Commerce One, then one of the leaders in the B2B space.
- Participant in various standards efforts (UBL, XML Schema)
- Frequent conference speaker.

1995-1998

PROJECT MANAGER, INTERNET DEVELOPMENT, POET SOFTWARE

HAMBURG, GERMANY

- Key role in core development team working on an object-oriented database engine.
- Articulated company vision for integrating with emerging internet and web technologies.
- Designed and implemented support for lexicographically correct collation and querying of internationalized strings in the database engine.
- Conceived, designed, managed and participated in the development of POET Web Factory, one of the first database-driven template-based markup generation engines (2 developers).
- Managed the development of POET Content Management System, an XML-based content repository (4 developers).

1992-1995

SOFTWARE DEVELOPMENT LEAD, LINGUISTIQUE COMMUNICATION INFORMATIQUE

JOUY-EN-JOSAS, FRANCE

- Designed and implemented LexPro, a terminology management system for professional translators.
- Designed and implemented LexPro CD Databank, a CD-based library of terminological dictionaries (first prize at Expolangues conference in 1995).
- Recruited and managed a team of 5 developers doing contract development work for outside clients.

WRITING, PODCASTS, INTERVIEWS, TALKS AND AWARDS

- Guest author on TechCrunch
 - www.techcrunch.com/2008/03/22/bridging-desktop-and-web-applications-a-look-at-mozilla-prism/
 - www.techcrunch.com/2008/04/07/bridging-desktop-and-web-applications-part-2/
- For more of my writing, visit my blogs Just Browsing (browsing.justdiscourse.com) and Peer Pressure (www.allpeers.com/blog).
- Peer Pressure also includes three episodes of Pressure Point, my (now defunct) podcast.
- I've also contributed to some Mozilla bugs, the most significant of which is bugzilla.mozilla.org/show_bug.cgi?id=325353.
- Some notable interviews:
 - torrentfreak.com/allpeers-review-and-future-plans/
 - www.podtech.net/scobleshows/technology/1568/sharing-with-allpeers (video)
 - www.podtech.net/scobleshows/technology/1569/demo-of-sharing-service-allpeers (video)
 - billaut.typepad.com/jm/2006/10/connaisssezvous_5.html (video, French)
 - www.internetnews.com/xSP/article.php/3699316
 - tinyurl.com/2aa5qs (video)
 - www.lupa.cz/clanky/matthew-gertner-allpeers-muze-byt-novy-skype/ (Czech)
 - [/www.zive.cz/default.aspx?textart=1&article=133827](http://www.zive.cz/default.aspx?textart=1&article=133827) (Czech)
- Recent conference talks include:
 - EU MozCamp, October 2008, Barcelona Spain
"Prism"
 - Media in Transition, September 2007, Munich, Germany
"Developing Media Distribution Applications" (video at tinyurl.com/yt4645)
 - OSCON, July 2007, Portland, Oregon
"The Firefox Extension Ecosystem"
 - Reboot 9.0, June 2007, Copenhagen, Denmark
"The Future of Applications"
 - FOSDEM, February 2007, Brussels, Belgium
"AllPeers: Experiences with Mozilla and Future Plans"
 - EuroOSCON, September 2006, Brussels, Belgium
"From Open Source to Open Media"
 - EuroFoo, September 2006, Brussels, Belgium
"Four Things That Suck About the Web"
 - AllPeers won awards from leading publications like PC World, Wired and CNET's Webware

EDUCATION

1988-1992

UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA

- Bachelor of Applied Science in Computer Science
- Bachelor of Arts in Linguistics
- Graduated cum laude

MISCELLANY

- Fluent in English (native), French, Czech and German
- Competent in Spanish and Russian
- Passionate player of piano, golf and backgammon
- Composer of electronic music
- Avid cook
- Numerous references available on request