Soumya Kanti Deb

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Native Tongue : **Bengali**
Also fluent in : **English, Hindi**

Professional Experience

MQuotient Solutions Ltd. - Pune   [Lead Frontend Developer]

November, 2011 - May, 2012 — Lead Frontend Development Engineer in a small, highly talented team of experts. Wrangling web-technologies for the application-development and maintenance of the smart enterprise solutions: *Boxcite* (the Lead Management System) & *Glyfix*'s (the OCR with AI) user-interfaces, almost single-handedly.

Olyvious Net Trading Pvt. Ltd. - Siliguri   [Lead Web Developer]

May, 2011 - July, 2011 — Principal Webmaster of all subsidiary e-commerce sites (Tourism, Hosting Reseller, Social Networking etc.). Recruiter of the web-designers & developers, for the company, and also served as the sys-admin of the infrastructural upgrades.

Nexshore Technologies Pvt. Ltd. - Mysore   [Software Engineer]

November, 2010 - February, 2011 — Co-developed the software interface for Transcend's Media Streaming Device, codenamed – RippleBox (now, StoreJet). This was a Visual C# .NET project and my task was to find (and re-engineer) free/open-source codecs for more than 80 media types, network-stream/queue management and designing the media-player interface in Windows Presentation Foundation (WPF).

9 Dot 9 Media Pvt. Ltd. - Noida   [Junior Writer]

March, 2010 - November, 2010 — Wrote about Internet & web-technology, multimedia, tech-politics, smarter-mobility etc. for their daughter project ThinkDigit. Produced some of the highest rated featured-articles the site has ever published. Worked as a full-time employee until April 2010 then switched as a consulting freelancer.

Academic Details

Post-Graduation [2010]   Master of Computer Applications

Completed my Masters (MCA) in the year 2010 from Siliguri Institute of Technology (SIT) under West Bengal University of Technology (WBUT) with Degree-GPA of 8.4/10.

Multimedia Diploma [2009]   Advanced Diploma in 3D Animation

Certified by the University of Cambridge (UK) & the Maya Academy of Advanced Cinematics (MAAC) in 2009, on completion of the 2-years graduate diploma in Multimedia, Animation and Film-VFX (AD3D+).

Graduation [2007]   Pure Science with Honors in Physics

Physics Honors graduate from Balurghat College, under the University of North Bengal (NBU) in 2007.

Interface Design and Layout

Proficient in designing application-interfaces with HTML/CSS, XUL/XBL, Nokia Qt, Adobe Flash/Flex and Windows Presentation Foundation (WPF). In print/screen publish media, I am skilled to create poster, banner, logo, cover, mock-up/wireframes with Adobe Photoshop, Illustrator, InDesign, GIMP, InkScape etc.

Web Technology and Frameworks

Efficient using XML/JSON, AJAX/JSONP, HTML5-APIs, jQuery & alike JS libs in websites/webapps. Fanatic about writing standard-compliant, performance-optimized, bandwidth-friendly markups. Capable of making/managing high-traffic websites with CMSs/Frameworks such as Drupal, Joomla!, Ruby on Rails, Django and MediaWiki. Can also build custom light-weight CMSs, Frameworks from scratch, if necessary.

System Support and Troubleshooting

System Administration on GNU/Linux & Windows, System Assembling, Software/Hardware Troubleshooting, Network setup & configuration at small/large scale, Network Security & Firewalls. Have experience setting-up & administrating private Git, MediaWiki, Bugzilla etc. Servers.

Software Development and Engineering

JavaScript ninja — skilled programmer of C/C++ and PHP. Have experience working on .NET, Ruby and Python. Can handle any modern programming language with moderate efficiency. Preferred revision control systems are Git & Mercurial. Can work on both Object-Relational (MySQL, SQLite, PostgreSQL etc.) and Document-Oriented (CouchDB, MongoDB etc.) database systems.

Traditional/Digital Art-forms and Multimedia

Can Sketch, Paint, Sculpt in traditional, as well as in digital media. Long time drama/theatrical Stage-Performer and Semi-pro Photographer. Have significant grab on Production Media about Conceptualizing, Visualizing, Planning, Filming, Compositing, Rendering, Editing and Encoding. Have hand-on experience co-producing indie-VFX feature film. Efficient in Codecs and Compressions; good understanding of MoCap & 3D Filming.

Extracurricular Engagements

Spreading the Mozilla Manifesto   (to make the web a better place)

Mozilla Rep (**ReMo**), Firefox **AddOn Developer** and **speaker/evangelist** of open web-technologies. Contributor of various projects & planning, such as Mozilla Community Sites (**MCS**), Mozilla Press, **Privacy Icon** project etc.

Other Open Source Projects   (Non-Profit/FLOSS Contributions)

Senior **Wikipedia Editor** and the Acting Leader of **WikiProject Software**. Contributor of Wikipedia-Mobile app for Android/iOS. Fedora Project **member** & supporter of VideoLAN, KDE, Kernel, Diaspora projects etc.

Public Speaking/Workshop   (Talks, Presentations & Evangelism)

Occationally I give talks, take workshops on open web technologies, Firefox addon developments etc. Most of my talk slides are made with HTML5/CSS3/JS, and are **available online**.

Founding "Samsaptak"   (Previously, "The Team of Tomorrow")

A **multimedia-liberation foundation** in the making; dedicated to revolutionize the open-media movement. Produced "**Khurrandrome**", our first SciFi VFX open-movie in 2010 (awarded in North Bengal film festival).

Online Publications

Privacy Icon Project
Blog - January, 2011

Designing a **cognitive-rhizome** for smarter data-visualisation of website Privacy Policies.

JaegerMonkey Development Diary
ThinkDigit - 03 August, 2010

Technical details & insights of the new Method-JIT JavaScript Engine for Firefox 4.more.

Avatar, Tintin and the Future of Movies
ThinkDigit - 28 April, 2010

From performance-capture to reality-camera system or Weta's MASSIVE — got 'em all.

A look at Adobe Creative Suite 5
ThinkDigit - 31 March, 2010

Exclusive Promotional review of new CS5 Technologies & Features, two weeks before release.

* From hundreds of my published articles, just a few titillating ones are afore mentioned.

Interests and Hobbies

Studying

I like studying varied spectrum of subjects, which ranges from Philosophy, Psychology, Politics, Medical-Biology, Brain and Cognition to Constructed Languages, Religions, Mythology, Comics, and rarely, Novels et al.

Photography

I mostly do macro-shots with controlled depth of field, color-tuned longshot landscapes, panorama, spontaneous and still life. Have interests in experimental photography; High-Speed/Long-Exposure/Time-Lapse, Infrared/Ultraviolet, HDR are my favorites.

Computer Gaming

Action/adventure/platforming, stealth/shooter & arcade-racing are my favorite genres of video games. I'm a fan of Prince of Persia, Need for Speed, Splinter Cell, Call of Duty series and all the games developed by Crytek GmbH.

Miscellaneous Whimsy

I have built, managed and directed an amateur theater group that successfully performes till date; also a cricket team & a music band, which are now dissolved. I was renowned for my soft-skills & extracurricular-activities, and am known as the tech-guru among the circles. My favorite leisure activity (usually, during long-journey, power-cuts) is to pave out my objectives, strategy, achievements etc. I am a Critical Thinker, and I critique myself & reform accordingly.

This standalone HTML file comes without any external dependancies. It's designed & layed out completely with HTML5 elements (TABLE-less layout, DIV-less semantics), optimized to be printed on A4 pages, maintained with version controlling system for incremental updating. If you find mistakes, want to propose upgrades or think that something should be added/discarded, I'd be eager to know.

The licensing of this resume comes under MPL 2.0 and it is presently in version 4.80, as of 2012/06/20.