

# Soumya Kanti Deb

Kolkata/Pune, India

Mobile : **+91 738 770 5588**

Email : [jobs@soumyadeb.com](mailto:jobs@soumyadeb.com)

Website : <http://soumyadeb.net>

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

## Professional Experience

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### **MQuotient Solutions Ltd. - Pune**

**[ Lead Frontend Developer ]**

**November, 2011 - Present** — Lead Frontend Development Engineer in a small but highly talented team of experts. Wrangling web-technologies for the application-development and maintenance of the user-interface of a smart enterprise solution called *Lead Management System* (LMS), 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.). Recruited the entire batch of web-designers & developers presently working for the company. Also sys-admin of the infrastructural upgrade from Windows to Linux client-server migration, organization-wide firewall configuration, dedicated email server setup for internal-communications etc.

### **Nexshore Technologies Pvt. Ltd. - Mysore**

**[ Software Engineer ]**

**November, 2010 - February, 2011** — Co-developed the software interface for Transcend's Media Streaming Device, codenamed – RippleBox. 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, implementing the advanced playback features, 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

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### **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

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### Spreading the Mozilla Manifesto

(to make the web a better place)

Mozilla Rep ([ReMo](#)), Firefox [AddOn Developer](#) and speaker/evangelizer 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](#). Developer/Contributor of Wikipedia-Mobile app for Android/iOS. Fedora Project [member](#) & I also endorse VideoLAN, KDE, Kernel, Diaspora etc.

### 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).

### Mobile Development

(Android Customizations & Open Web Apps)

Android hacking fascinates me, of late. I make custom builds for personal use, explore possibilities and discover procedures to solve certain issues. Also very interested about [Mozilla B2G](#).

### Privacy Icon Project

Blog - January, 2011

Designing a [cognitive-rhizome](#) for smarter data-visualisation of website Privacy Policies.

[Read More](#)

### JaegerMonkey Development Diary

ThinkDigit - 03 August, 2010

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

[Read 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.

[Read More](#)

### A look at Adobe Creative Suite 5

ThinkDigit - 31 March, 2010

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

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\* From hundreds of my published articles, just selected few are afore mentioned.

[Read All Articles](#)

## Interests and Hobbies

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### Studying

I like study a varied spectrum of subjects, which ranges from Philosophy, Psychology, Politics, Medical-Biology, Brain and Cognition to Constructed Languages, Religions, Mythology, Comics 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. [Gilad Benari](#) is my most admired photographer.

### 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 performs till date; also a cricket team & music band as well, which are dissolved now. I was renowned for participating in seminars, exhibitions and other extracurricular-activities. Being the tech-guru among the friends & relatives, I enjoyed spending a lot of time solving their technical issues. My favorite leisure time activity (during long-journey, power-cuts) is to sort out my objectives, strategy, necessities, achievements etc. I critique myself and reform accordingly.

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This standalone HTML file comes without any external dependancies. It's designed & layed out completely with HTML5 elements (TABLE-less, and even DIV-less), 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.

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