

Soumya Kanti Deb

Siliguri/Kolkata, West Bengal, India

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

Professional Experience

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.) as either solo or lead-developer. Recruited the entire batch of web-designers & developers presently working for the company. Migrated the support call-center to Linux, ground-up. Implemented and/or Fixed payment gateways across the sites and elevated the security with SSL Cert. Structured and setup dedicated email server for internal-communications. Failed to upgrade the infrastructure to get used to with the revision control system.

Nexshore Technologies Pvt. Ltd. - Mysore

[**Software Engineer**]

November, 2010 - February, 2011 — Co-developed (in a team of two) the software interface for Transcend's then upcoming Media Streaming Device – RippleBox. This was a Visual C# .NET project to work on. My task was to find (and re-engineer) free/open-source usable codecs for more than 80 media types and plug them with the main media player. For the player, I made the advanced playback features and network-stream/queue management. Nonetheless, I was also the designer of the proposed interface, in Windows Presentation Foundation (WPF).

9 Dot 9 Media Pvt. Ltd. - Noida

[**Junior Writer**]

March, 2010 - November, 2010 — Used to write technology articles, analytics, reviews for their daughter project ThinkDigit. My focus was on the Internet & web-technology, multimedia, tech-politics, smarter-mobility etc. 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.

Present Engagements

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).

Evangelising the Mozilla Manifesto

(to make the web a better place)

Mozilla Reps (**ReMo**), Mozilla-India coordinator, **AddOn Developer** and contributor of various projects & planning. Will try to push the **Privacy Icon** project forward. You can ping "Debloper" at moznet.

Participation in Other Open Projects

(Free/Open/Non-Profit)

Senior **Wikipedia Editor** & Acting Leader of **WikiProject Software**. Fedora Project **member** & evangelist. I endorse FLOSS projects, such as VideoLAN, KDE, Kernel, Diaspora etc.

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.

Skills and Competence

Operating Systems and Supports

System Administration on GNU/Linux & Windows, System Assembling, Software/Hardware Troubleshooting, Network setup & configuration at small/large scale, Network Security & Firewalls.

Interface Design and Layout

Proficient in designing web-interfaces with HTML and XHTML, and software/application interfaces with XUL, Adobe Flash/Flex, QtQuick and Windows Presentation Foundation (WPF). Can efficiently & optimally use CSS for the previously mentioned technologies. In print/screen publish media, I am skilled to create poster, banner, logo, covers, mock-ups in GIMP, InkScape, Adobe Photoshop, Illustrator, InDesign etc.

Software Development and Engineering

Skilled programmer of C/C++, JavaScript and PHP. Have experience working on .NET, Ruby and Python. Can handle any modern programming language with at least moderate efficiency. Used to with Git, Mercurial and Subversion revision control systems. Can work on both Object-Relational (MySQL, SQLite, PostgreSQL etc.) and Document-Oriented (CouchDB, MongoDB etc.) database systems.

Web Technology and Frameworks

Efficient, using XML/JSON, AJAX/JSONP, jQuery & HTML5-APIs 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.

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 producing indie-VFX feature film. Efficient in Codecs and Compressions; good understanding of MoCap & 3D Filming.

Privacy Icon Project

Blog - January, 2011

Effort to make the web a better place with transparent visualisation of 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 overview of Technology & Features, two weeks before release.

[Read More](#)

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

[Read All Articles](#)

Interests and Hobbies

Studying

I study a varied spectrum of subjects, so that at least I can communicate with the experts of those topics. The subjects cover 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 and successfully performed, as well as cricket team etc. I was renowned for participating in seminars, exhibitions and other extracurricular-activities. Being the tech-guru among the friends, I (used to) spend a lot of time solving their technical issues. The another important thing I do when stuck having a leisure time (long-journey, power-cuts), is to sort out my objectives, strategy, necessities, achievements etc. I critique myself and reform accordingly.

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 and is updated frequently; 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 1.1](#) and it is presently in version 3.60.