

Name	Shamasis Bhattacharya.
Email & Web	mail@shamasis.net (http://www.shamasis.net/)
Objective	To be able to develop or capitalize a revolutionary computing framework that would enable better utilization of distributed resources, so that in the long run we could be cost effective and indirectly prevent wastage of resources.
Entrepreneurial Initiatives	<p>In the year 2004, I started my own Web Application development proprietorship company "Twentyone Innovations®". (http://www.21i.in/)</p> <p>With a peak employee count of seven, I began to lay groundwork towards the greater objective - overcoming the challenges towards designing a highly interactive information management process.</p> <p>As early as 2004, I had started building frameworks on ASP, PHP and JAVASCRIPT to deliver interactive AJAX based web applications for content and process management.</p> <p>» Please refer to the next page for a concise list of domestic and overseas projects undertaken by me under the banner of my company.</p>
Technical Skills	<ol style="list-style-type: none"> 1. Object Oriented Programming using C++, C# and Visual Basic (Knowledge and implementation of threading, delegates, various reusable components, etc) 2. Server side web applications using ASP and PHP. (PHP5 Object Oriented Implementations, own object-oriented classic ASP Library / Managed Framework) 3. Web programming using XHTML, CSS and AJAX. (Thorough knowledge of cross-browser CSS implementation, CSS hacks, optimized and advanced JavaScript implementation with thorough knowledge of DOM manipulation, etc) 4. Preliminary knowledge on J2EE and XSLT. 5. Database Management (MySQL) and Data Structures. 6. Embedded Device Programming using DOTNET CF3.5 and Native C++ <p>Software/IDE: Redmine, Mantis, SVN, MySQL Server, IIS, Apache, Visual Studio, NetBeans, Eclipse, Dreamweaver, Zend Studio, Photoshop, etc.</p> <p>Platforms: DOS, Windows, Windows CE and Linux (Debian).</p>
Total Experience	3+ years (2 ½ years proprietorship experience and 8+ months as Web Architect)
Employment History	<ul style="list-style-type: none"> ▪ Sep 2008 till present: Web Architect and QA Head at Infosoft Global Private Limited (the developers of FusionCharts – animated visual data presentation component.) ▪ Jan 2005 to Sep 2008: Senior Developer and Proprietor of Kolkata-based software development firm named Twentyone Innovations.
Project Management	<ul style="list-style-type: none"> ▪ Deployment, implementation and use of Mantis as project management software with SVN integration. ▪ Resource planning, workflow analysis and project management using Redmine, Basecamp and other related tools ▪ Deployment, implementation of SVN as source control, collaboration and QA tool. Project management, versioning and blame/issue tracking using SVN.

Software and Framework Releases (Selective)

(1) Feather Light Box (JavaScript LightBox)

This is an amazingly small Javascript LightBox framework that has been developed completely from scratch keeping three things in mind: (a) minimal footprint of just 4 kB, (b) CSS based formatting and (c) easy-to-use implementation like window.open()!

(2) Notepad Mobile – <http://www.shamasis.net/projects/notepad-mobile/>

This is a "text editor" for Windows Mobile. It allows you to open text (.txt) files and other text based files (.xml, .bat, .log, etc.) Its main features being high speed, small size and compatibility with most mobile devices running DOTNET Framework. **11870 downloads in a month from Xda-Developers.**

(3) Batch Image Processor – <http://www.shamasis.net/projects/batch-image-processor/>

Batch Image Processor is the easiest to use application that can resize all your images at once. It is a showcase program to display my clean UI generation skills for WinForms, also implementation of scalable threading and other such advanced features.

(4) Windows Package Manager

BTECH Final year project that replicates Linux Package Manager concepts on Windows platform using a Multi-Client-Multi-Server architecture.

Project Experience (selective and as a team leader or as the only developer)

(1) FusionCharts Export Component – <http://www.fusioncharts.com/>

This is a comprehensive framework that allows users to export the famous FusionCharts Flash Charts into Image or PDF. This allows both client-side and server-side exporting and even adds batch exporting capabilities. It is a unique framework as it allows communication between AS2 Flash movies and AS3 movies by using intermediate JavaScript relay. [See Demo](#)

Team Size: 7. Role: System Architect, Technology Expert, Developer.

Responsibilities: System Design, API Design, JavaScript Tech Lead and Documentation.

(2) FusionCharts DOM – <http://www.fusioncharts.com/dom/>

FusionCharts DOM is an innovative JavaScript framework that helps users to include FusionCharts (industry's leading Flash Charting Component) objects into their websites by simply including "<fusioncharts>" tags into their HTML documents. The framework automatically parses the DOM and converts these tags to proper HTML. [Read More](#)

Team Size: 2. Role: Project Lead, System Architect, Developer.

Responsibilities: System Design, API Design, Senior Developer, Documentation.

(3) Infosoft Global Latest Product Website – <http://fusioncharts.com/>

A new look for IGPL's products by designing a Table-less, Fully CSS based, SEO optimized website. The formatting and layout is separated with a bare page having a small footprint of just 70kB! Rated 99.2% and above in many leading SEO ranking tools.

Team Size: 4. Role: Project Lead, System Architect, Developer.

Responsibilities: System Design, Senior Developer, Junior Graphic Developer.

(4) Tata Institute of Social Sciences (TISS HRMLR) – <http://tisshrmlr.com/>

A highly dynamic content management system indigenously developed using PHP. The entire system is user-editable (header, footer, sidebar, pages, contents, etc) using WYSIWYG editor.

(5) Securities and Exchange Board of India (SEBI) – <http://iosco2007.org/>

International Delegate registration (hotel, stay, meeting, agenda, etc) with online payment gateway (ICICI PaySeal integrated) for IOSCO conference; generating over \$1,000,000 online transaction revenue.

(6) AnandaBazaar Patrika Tillottama Beauty Pageant – <http://tilottama.in/>

Event Management website with online poll (having anti-cheat security protections) for the renowned beauty pageant show.

(7) EregNow® – <http://eregnow.com/>

Online event management website capable of dynamically generating form for any event, accept online payment and generate comprehensive report in graphical form competing [RegOnline](#).

(8) Nutradvice® (USA) Online Health Checkup – <http://nutradvice.com/>

Company Website (PHP) and Offline Health & BMI Calculator with remote administrator update capability (C#). The offline calculator can download calculation definition files from central server.

(9) Don Bosco Liluah Alumni Association – <http://dblpp.org/>
International award-winning content management design (in the year 2003) for creative design concept from Le Tourneau University (USA).

(10) [Online Print Processing](#), (11) [The Statesman Voices](#), (12) [Santosh Sales Private Limited](#), (9) [Aptak News Promotion](#), etc

Academic Qualifications

School / College / University	Year	Degree	Grade
college Netaji Subhash Engineering College	2008	BTECH	83.5% DGPA: 8.35/10
university West Bengal University of Technology (WBUT)			
stream Computer Science & Engineering (CSE)			
School Don Bosco School, Liluah	2004	ISC (12 th Std)	83.5% best 5 subjects
university Indian School Certificate Examination (ISCE)			
additional subject Computer Science (96%)	2002	ICSE (10 th Std)	78.8% best 5 subjects

Leadership Roles

- Web Architect and QA Head** at [Infosoft Global Private Limited](#) (2008-Present).
- Senior Developer and Proprietor** of company: [Twentyone Innovations](#) (2005-2008).

Publications:

2005 – 2006: “AJAX Roadmap” presented/reviewed at National Institute of Technology, Durgapur
2001 – 2004: Published **thirty-four (34) individual articles** on various topics (12 cover-page articles) intended for **The Statesman** Voices supplement.

Interests & Pursuits

Creative Writing – Had been an active writer as a coordinator/correspondent for **The Statesman Voices** (2001 to 2004.)
Public Speaking, Music, Photography, Sketching and Roller-blading.

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A copy of this resume is also available at <http://www.shamasis.net/resume/>.