

**Design Head**  
**BHEEMSINGH RAHANGDALE**  
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## PROFILE

10+ years of experience in Object Oriented Programming (OOP) with extensive full Software Development Lifecycle (SDLC). Experience in Analysis, Design, Development, Testing, Debugging, Change Management and Production Support for web based, Client-Server and Front end technologies. Proven capability of leading midsize teams and effective process rollout, implementation of industry quality standards.

- Design, Development, Testing and Deployment of Web/ Client-Server business applications.
- Effective and efficient translation of algorithms, ideas and concepts to software applications.
- Pixel perfect efficiency to develop responsive frontend, well-formed HTML and CSS with W3C validations.
- Performance tuning, user experience and usability perspective analysis.
- Strong client serving Onsite experience in Malaysia.
- A quick learner and highly flexible to adopt new challenges and handling multiple responsibilities.
- Excellent at written and verbal communication, analytical, problem solving skills and attention to detail
- Experience leading medium sized Teams, work within a team environment under extreme conditions.
- Experience working with software development methodologies including Agile, Iterative and Waterfall.
- Dynamic team player who is consistently motivated toward success and completion of projects with an ability to work independently

## TECHNOLOGIES

Languages	Java, HTML, XML, XSLT, SQL
J2EE	Servlets, JSP, JDBC, Java Beans, JSTL, EJB, JNDI, JSF, JPA, JUnit
Specifications	
Web / Mobile	HTML5, CSS3, AJAX, jQuery, jQuery Templates, Modernizer, JSON, XHTML
Frameworks	Spring, MVC, 960 Grid System, Twitter-Bootstrap, Foundation, Hibernate (ORM)
IDE/Tools	Eclipse, Dreamweaver, Photoshop, Flash, Illustrator, JIRA, SVN
Servers	Apache Tomcat, Redmine
OS	Windows, Linux
Database	Oracle, My SQL, MS Access,
Methodologies	Agile, OOAD, Responsive Web Development (RWD), UX, OOPS, Design Patterns, Progressive Enhancement

## PROFESSIONAL EXPERIENCE

Organization	Designation	Duration
Thinking Hut IT Solutions	Sr. Technical Consultant	Dec 2012 - Present
Clarice Technologies	Lead Web Developer	Aug 2012 - Nov 2012
iPractice LLC	Technical Lead/System Analyst	Mar 2012 - May 2012
KPIT Cummins Infosystems Limited	Sr. Software Engineer	Nov 2005 - Feb 2012
Global Solutions	Software Engineer	Dec 2001 - Oct 2005

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## ACADEMICS

Degree/Diploma	Institute / University	Year
DAC	C-DAC (Center for Development of Advanced Computing)	2001
M. Sc.	Government Post Graduate College, Seoni Dr. Harisingh Gour University, Saugar (Madhya Pradesh)	1995
B. Sc.	Government Post Graduate College, Seoni Dr. Harisingh Gour University, Saugar (Madhya Pradesh)	1993

## PROJECT DESCRIPTION

\_\_\_\_\_ @ *ThinkingHut IT Solutions*

<b>Client</b>	thecomplete.me	<b>Duration</b>	3 Months [12/12 to Present]
<b>Position</b>	Sr. Technical Consultant	<b>Team Size</b>	8
<b>Environment</b>	Servlets, JSP, jQuery, JavaScript, Eclipse, Google App Engine (GAE)		

An online game portal and facebook app, connects with facebook and creates game from the data, for user and their friends. Developed and hosted on Google App Engine. In back process it fetches the data from facebook and generates JSON for requested game. Manipulating JSON user data and creation of Game. On user action, capture input, manipulate the data, return of game result and update to DB.

As a Technical Consultant, I was involved in coding as well as team mentoring, team management, exploring technical possibilities, problem solving, grooming team members, applying best coding practices. manage the work schedule and delivery plan in order to get the best of team players.

- Enhance technical skills and abilities of team members by educating them on new skills and concepts
- Technical session on current technological advances, Best programming practices

\_\_\_\_\_ @ *Clarice Technologies*

<b>Client</b>	BigHipo / Qyuki /MMTrip/ Crowd Analytics	<b>Duration</b>	4 Months [08/12 to 11/12]
<b>Position</b>	Technical Lead	<b>Team Size</b>	6
<b>Environment</b>	HTML5, CSS3, jQuery, JavaScript, Photoshop, Dreamweaver.		

- Module comprises concurrent working on multiple projects.
- Converting Visual design to working HTML and its integration with backend.
- Design pages are developed with pixel perfect accuracy in translation from VD to HTML.
- Developed application front end using HTML5 element tags, appropriately used JavaScript.
- Developed modular CSS, processed with SaSS and documented with appropriate comment.
- Extensively used jQuery library to create widgets and components.
- Modernizer is used to make it compatible with old version of browsers, and achieved seamless browser compatibility.

**URL** <http://www.crowdanalytix.com> | <http://www.qyuki.com> | bigHipo is under development

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@ iPractice LLC

<b>Client</b>	Ministry of Health, Malaysia	<b>Duration</b>	2 Months [03/12 to 05/12]
<b>Position</b>	Technical Lead, System Analyst	<b>Team Size</b>	35 (5)
<b>Environment</b>	Java, Spring, Hibernate, HTML5, CSS3, jQuery, JavaScript, Photoshop, Dreamweaver.		

An application to cater the need of all medical services on one platform. Patients' medical history, Drug Database, Drug Interaction history and developments, Drug Store inventory, Distribution Return, Expiry Disposal, Case reference automation based on severity of patient.

- Requirement gathering and analysis, created SRS, WFD, HLD, LLD documents.
- Developed POC with Java, spring framework and Hibernate (ORM) for some of the modules.
- Team task assignment, Task breakdown, Development monitoring, Team work schedule management
- Training session on healthcare modules, pharmacology, hospital management and ADR
- Created UI for entire application using HTML5, CSS3, jQuery, JavaScript on Dreamweaver.
- Increased Program/Project visibility 75% and improved accuracy/efficiency; developed and implemented project controls tools, processes and procedures.
- Streamlined reporting of milestone-specific activities to ascertain deliverables to specified stakeholders.

@ KPIT Cummins Infosystems Limited

<b>Client</b>	Delphi Automotive PLC	<b>Duration</b>	5 Months [10/11 to 02/12]
<b>Position</b>	Module lead, UX Tech Leader	<b>Team Size</b>	7
<b>Environment</b>	HTML5, CSS3, jQuery, JavaScript, Photoshop, Dreamweaver.		

In Vehicle Infotainment application for a display device in automobile vehicle. Task was to connect IVI music player to ubuntu cloud, to fetch music files and play seamlessly. The challenge was to connect cross domain, and make it working.

HTML5 and jQuery is used to fetch music file metadata, creating playlist and play controls. Web Sockets were used to connect it cross domain and HTML5 Local storage was used to store metadata locally and make player perform faster.

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### EMT & MIDI Retail

<b>Client</b>	Danfoss Inc., Denmark	<b>Duration</b>	10 Months [01/11 to 09/11]
<b>Position</b>	UX/ Web Technical Leader	<b>Team Size</b>	9
<b>Environment</b>	Java, Spring, Hibernate, HTML5, CSS3, jQuery, JavaScript, CSS, Photoshop, Illustrator, Dreamweaver.		

Client maintains a large chain of Cold Storage and refrigeration device at distributed locations across the country. Project requirement was to get the current state of all devices and display on a dashboard. Generate alarm or maintenance alert for concern device. System is maintained on intranet web as well as monitoring kiosks. Challenge was to display data on web as well as touch screen devices. A complete work flow User Interaction and Information architecture is to be developed to meet requirements of variable display devices.

- Created wireframes based on SRS document, application work flow and developed it to VD.
- Developed approved VD to application front end with HTML5 and CSS3 for web and information Kiosks.
- Actual device diagram, roadmap and graphical representation of components developed using SVG.
- Application interaction enhanced and implemented effectively using JavaScript and jQuery.
- Integrated frontend module to backend application and successfully fine tuned.
- Worked on the issues of cross browser integration and performance optimization.
- Integrated with QA team, provided first level of Quality Assurance on new functional elements of the applications while making sure absence of regression errors and serve as technical liaison to QA group.

### CBA (Continuous Build Automation)

<b>Client</b>	KPIT Cummins Infosystems Limited	<b>Duration</b>	4 Months [09/10 to 12/10]
<b>Position</b>	Software Engineer / GUI Designer	<b>Team Size</b>	6
<b>Environment</b>	JSP, Struts, jQuery, JavaScript, CSS, Photoshop, Dreamweaver.		

This is a in-house Project, which maintains the detailed information if the project in the organization, connected to SVN, get latest build of the each project build, generate build data, generate build report and communicate to the concern stakeholders. Check error, point error location and notify to concern authorities.

Tools open source and third party tools used to perform required task. Project is integration of source monitor, CPD (Copy Paste detector) and its integration with JIRA to generate report and project data. Concurrently maintain normal project flow and update it with latest project file check-ins.

JSP and Struts are used to create project container, jQuery + JavaScript plug-in and third party libraries were used to get things work on front-end.

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### Cosmos Bank (Net Banking Application)

<b>Client</b>	Cosmos Bank	<b>Duration</b>	4 Months [05/10 to 08/10]
<b>Position</b>	Software Engg., Usability Consultant	<b>Team Size</b>	16
<b>Environment</b>	JSP, Spring, Hibernate, jQuery, JavaScript, CSS, HTML/XHTML, Dreamweaver, Photoshop.		

- This is a net banking project which facilitates the requirement for bank customers to access bank account and make online transactions
- Technology assessment, project prototype, Proof of concept and Front end development
- Closely associated with team members for project environment configuration management.
- Understanding of the business requirements and current technology challenges & issues to address with given solution.
- Created project setup, deployment descriptor and build structure.
- Keeping track of defect, defect categorization and assessment.

<https://www.cosmosbank.com/online-banking.html>

### KOEL / Novalis / ARAI

<b>Client</b>	Kirlosker/Aditya Birla/ ARAI	<b>Duration</b>	6 Months [11/09 to 04/10]
<b>Position</b>	Software Engineer, Usability Consultant, GUI Designer	<b>Team Size</b>	9
<b>Environment</b>	Photoshop, HTML/XHTML, CSS, jQuery, JavaScript, Microsoft SharePoint Designer.		

- A cluster of Employee data management portals. Which need to have optimum user interaction engineering, and rich UI.
- Developed graph and tag cloud component, frontend development, integration with backend.
- Detailed project assessment for its usability criteria enhancement, tuning optimization for load performance.

### CANAL Re-Engineering and VED-PC

<b>Client</b>	bioMerieux, France	<b>Duration</b>	6 Months [05/09 to 10/09]
<b>Position</b>	Software Engineer	<b>Team Size</b>	12
<b>Environment</b>	Java, Hibernate framework, JPA, Eclipse, Ant		

CANAL and VED-PC applications are inVtro Diagnostic System used in biomedical domain by end scientist for research propose. Both applications are very crucial in turn and reliability and accountability for the operations performed on data processed by application. As those all data and recorded process and results are used as a reference and industrialization purpose once study in finished. The recorded process for given study is automated in feed to instruments to provide accurate error free results on fields i.e. hospitals, labs and research centers.

- Created workstation environment, system setup and system configuration.
- Modification in java class methods for database connection and performing CRUD operation
- Converted FastObject Database entities to Oracle entities.

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- Done unit testing using jUnit, written unit test case, running the test and evaluate the output.
- Written test cases and tested full functional application, simultaneously fixed the issues.
- Closely associated with team members for project environment configuration management.

### GUI Resource Builder

<b>Client</b>	Hyundai Autonet Company, Korea	<b>Duration</b>	7 Months [08/08 to 02/09]
<b>Position</b>	Software Engineer	<b>Team Size</b>	20
<b>Environment</b>	Java, Eclipse Plug-in Development, EMF, GEF		

- Project was to create GUI development tool for IVI device design.
- Developed Modules based on model provided by EMF and its implementation with GEF.
- Created application frontend using SWT
- Created sets of theme modules to offer themes for the UI development
- Project integration, build creation and deployment,
- Worked on project flow description, API library and help modules using HTML, later compiled it to chm.
- Implemented Agile methodologies, Scrum cycle and maintained detailed track of work schedule.
- Code analysis, code standards evaluation and creating spider charts for code matrix.

### Alarm Management System

<b>Client</b>	Danfoss Inc, Denmark	<b>Duration</b>	5 Months [02/08 to 06/08]
<b>Position</b>	Software Engineer	<b>Team Size</b>	6
<b>Environment</b>	XML, JavaScript.		

The project offers a platform to observe, control and maintain emergency alarms data, raised from various food super markets and food malls.

### Nirvana Super-model ([www.nirvanasupermodel.com](http://www.nirvanasupermodel.com))

<b>Client</b>	Findant Inc., USA	<b>Duration</b>	20 Months [04/06 to 12/07]
<b>Position</b>	Software Engineer	<b>Team Size</b>	6
<b>Environment</b>	Java, JSP, Servlets, Struts, Ajax, Hibernate, My SQL, Tomcat, JDBC, Flash 5, Adobe Photoshop 6.		

This a web site which allows user to post there photographs and thus participate in the super model search. This project has been built on Struts framework. General features are submitting users profile and a default blog to Blogeverywhere server (using SOAP), Upload pictures (Apache Commons File Upload), Navigate models profiles, Search models profile, Rating of the models (Uses AJAX), Report generation (Uses Stored procedures and JDBC).

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- Use tools like HTTP Watch to analyze http requests by browser.
- Analyze java thread/heap dumps for issues related to memory problems.
- Provided Product Support during development of successive release.
- Track the events from the database and comparing it from UI in order to investigate the issues.
- Integrated new functionality into existing web-based application.

### Blog Everywhere (www.BlogEverywhere.com)

<b>Client</b>	Findant Inc., USA	<b>Duration</b>	26 Months [11/05 to 12/07]
<b>Position</b>	Software Engineer	<b>Team Size</b>	25
<b>Environment</b>	Java, JSP, Servlets, Ajax, Hibernate, My SQL, Tomcat, JDBC, Flash 5, Adobe Photoshop 6.		

This web site works in conjunction with a blogbar, which allows user to read/write blogs on any of the site they are visiting. Major features of the application were Read/Write Blogs and comments (uses Http Client), Single sign on (With help of Toolbar, using session and hibernate), Tagging, Searching (Lucene), CC Blogs, Rating (Ajax), Flags, Mail alerts (Java Mail APIs), Group Blogging, Personal Blogging, Customized look and feel, RSS feeds etc.

- Developed Servlets and JSP to create components of an n-tier application on MVC design pattern.
- Developed Hibernate mapping and code to interact with database using ORM framework.
- Developed UI layer JSP pages using CSS, HTML for the presentation tier.
- Extensively used Eclipse/Dreamweaver IDE while writing code & used SVN for version control.
- Use Script debugger to debug UI issues & add the analysis to case.
- Developed client-side validations using JavaScript.
- Worked closely with QA team and fixed QA bugs and production issues with a quick turnaround time.
- Developed CSS style sheets to manage look and feel of the web user interface.
- Developed JavaScript to add dynamic features to menu and content areas of web pages.
- Analysis, troubleshooting, bug fixing, testing and deployment of production issues.

@ Global Solutions

### Book Store Automation

<b>Client</b>	Anmol Group of Publications	<b>Duration</b>	8 Months [03/05 to 10/05]
<b>Position</b>	Software Programmer	<b>Team Size</b>	6
<b>Environment</b>	Enterprise Java Beans, JSP, HTML, Oracle 8i, JavaScript, Windows 98/NT, Flash 5, Adobe Photoshop 6.		

Project bookstore automation was redesigned to offer adoptability as online communication between its different branches and sister concerns, as well as an online shop for the products of Anmol Publishing House. Dynamic generation of the contents i.e.: various publication categories, author details, latest updates, publication details etc. Online user registration, shopping cart, are the added features.

<http://anmolprakashan.com/>

### Online Book Shop

<b>Client</b>	Mehta Publishing House	<b>Duration</b>	3 Months [12/04 to 02/05]
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<b>Position</b>	Software Programmer	<b>Team Size</b>	4
<b>Environment</b>	Java Servlets, JSP, HTML, JavaScript, Windows NT, Flash 5, Photoshop 6.		

Project was to offer an online shop for the publications of Mehta Publishing House and keep informing visitors about forthcoming publication as well as latest happenings. The site dynamically generates the contents i.e.: various categories of publication, details of individual publication, user registration, shopping cart, shopping track maintenance, etc.

As a part of team I was involved in programming, Designing Visual interface and designing of database to maintain data about all the publication, Different ventures, Venture activities etc.

### Customer Information System

<b>Client</b>	Bank of Maharashtra	<b>Duration</b>	9 Months [03/04 to 11/04]
<b>Position</b>	Software Programmer	<b>Team Size</b>	2
<b>Environment</b>	Java, Flash, Microsoft Access, Windows 98.		

A customer information kiosk installed at remote branches of the bank in order to provide information to the farmers about various loan schemes offered by bank for different crop. Loan calculator, latest technical information on cropping was added features. Focused for farmers as users group, supported animation and touch screen function provided.

- Client interaction for requirement gathering, analysis, planning
- Developed application using Java
- Created local database with MS Access
- Created DNS and connected to DB using JDBC
- Flash animation to support information presentation
- Extensive testing, defect fixing, enhancement and post delivery support
- Created help, tutorial and visual guide to help user while using the system

### Sales force Automation

<b>Client</b>	Uttara Foods	<b>Duration</b>	9 Months [06/03 to 02/04]
<b>Position</b>	Software Programmer	<b>Team Size</b>	3
<b>Environment</b>	Java Swing, JDBC, Microsoft Access.		

Sales tracking system for current business development and target forecast, tracking for the sales team of Uttara Foods. This system tracks all existing accounts, new targets & leads.

- Application designed and developed using Java swing
- Created database tables, integration with real-time data
- DB connection using JDBC
- Testing of module and bug fixing
- Report generation module for varied hierarchical stages
- Post production support, training session for employees to use the application

### Surya Shibir ([www.suryashibir.in](http://www.suryashibir.in))

<b>Client</b>	Nature Lovers Foundation	<b>Duration</b>	7 Months [11/02 to 05/03]
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<b>Position</b>	Software Programmer	<b>Team Size</b>	1
<b>Environment</b>	HTML, JavaScript, Windows 98, Flash 5, Adobe Photoshop 6.		

Website development for “Surya Shibir”. Application caters the awareness and motives of the foundation, “Surya Shibir” information, schedules, tariff, amp information and environmental benefits.

- Requirement gathering, analysis, information architecture, visual development.
- Application development using HTML
- Applied CSS to add content placement and visual enhancement
- Extensively used JavaScript for client side validation
- Website flow, user testing, visual correction, and successive development
- Post development support and UI enhancement

### Book Store Automation

<b>Client</b>	Anmol Group of Publications	<b>Duration</b>	11 Months [12/01 to 10/02]
<b>Position</b>	Software Programmer	<b>Team Size</b>	5
<b>Environment</b>	Java, JDBC, MS Access, Windows NT.		

Project was to offer an online shop for the products of Anmol Publishing House. The project was to maintain track of publication process management of text contents and printing customization. Current stock of each publication of different editions. Inward, outward, bill generation and record update. Reports generation on current record, sales detail and overall analysis for either monthly, quarterly or yearly sales.

As a part of team I was involved in collection of client requirement through interaction, analysis, programming, Designing user interface and designing of database to maintain data.

- Created core application and its development environment with java.
- Developed Application UI using Swing lightweight components.
- Created Database schema and generated tables.
- Import actual downtime data, mapping data with database schema.
- Database connectivity using JDBC Driver.
- Done system testing and load testing, finding defects and fixing it with stipulated timeframe.