

# RESUME

## ROHIT SINHA

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### OBJECTIVE

To pursue a research career which would provide unlimited opportunities for growth, suitably rewarding my skills and knowledge and at the same time giving a chance to constantly add value to the computing world and society at large, all the while taking up new challenges and learning experiences.

### EDUCATIONAL PROFILE

Examination	Discipline/Specialization	School/College	Board/University	Year of Passing	%/C.G.P.A
B.E.	Computer Sc. & Engg.	B.V.B.C.E.T, Hubli	Visvesvaraya Technological University	2011	8.47/10
Intermediate	Science	Loyola High School, Patna	Central Board of Secondary Education, Delhi	2007	76.4
Matriculation	S.S.C	Loyola High School, Patna	Central Board of Secondary Education, Delhi	2005	81.5

### ACHIEVEMENTS

- Received 1<sup>st</sup> prize for project presentation at a National Level Technical Fest (xynomindz2kx).
- Bagged 1<sup>st</sup> Prize in WebExtreme 2.0 - A website development contest organized by ISE Dept of BVB Hubli.
- IBM Certified Database Associate (DB2 9 Fundamentals).
- IBM Certified Associate Developer (Rational Application for WebSphere Software V6.0).
- IBM Certified Deployment Professional (Tivoli Directory Server V6.1).
- Team member of 2<sup>nd</sup> best social project in LEAD MELA 2009 organized by Deshpande Foundation.
- Cleared First round of IBM "The Great Mind Challenge"- an annual nationwide software development competition. (Appreciation Certificate)
- Presented a paper on Ambient Intelligence in 'Srishti 2010', a national technical fest at SSIT Tumkur.
- Organized IBM Develothon 2010, a seminar on cloud computing and WEB 2.0.

### PROJECTS UNDERTAKEN

**Title: i-Gurukul (Appreciated in IBM TGMC 2010)**

**Technologies used:** IBM RAD, IBM DB2, IBM WAS, HTML, CSS, Javascript, SQL, Ajax, JSP, Java Beans

**Description:** A semantic virtual classroom built with IBM tools for IBM TGMC' 10 as a final year project. It serves as a virtual platform for effective learning and collaboration. The system provides platform to share information and screen in real time with a text based chat system and capturing of sessions for offline viewing. Additionally the system incorporates a semantic search engine, powerful evaluation and report generation tools.

**Title: BVBCET Computer Science Department Website** [www.bvbcse.com](http://www.bvbcse.com)

**Technologies used:** Joomla, Cpanel **Job Responsibility:** Administrator, Senior Developer

**Description:** A content management system for BVB computer science department. The website has been developed to share information and achievements of BVBCSE – Hubli.

**Title: Anand Choudhary's Art Shop (Awarded: 1<sup>st</sup> prize in Webextreme 2.0)**

**Technologies used:** Drupal, Cpanel **Job Responsibility:** Developer, Administrator

**Description:** An e-commerce website developed for Mr. Anand Choudhary to showcase and sell his digital photographs online.

**Title:** Shoppers Mail Update [www.smu.rohitsinha.com](http://www.smu.rohitsinha.com) (Awarded: 1<sup>st</sup> Prize Xynomindz 2kx)

**Team Size:** 4    **Software used**    **Front End:** HTML, PHP, Javascript, CSS    **Back End:** MySQL

**Description:** This application automatically sends emails to customers whenever new stocks, offers or schemes come up which results in improved sales. The subscription is categorized in the system.

**Title:** OOECR – Online Open Elective Course Registration [www.oecr.rohitsinha.com](http://www.oecr.rohitsinha.com)

**Team Size:** 4    **Technologies used - Front End:** HTML, PHP, Javascript, CSS, Ajax    **Back End:** MySQL

**Description:** A web application developed to automate the process of open elective course registration in BVBCET, Hubli. The application manages records and allot open elective to students according to their choices.

**Title:** File Compression/Decompression

**Team Size:** 4    **Technologies Used:** Java    **Algorithms:** Huffman Encoding & G-Zip

**Description:** In this project we implemented two data compression algorithms namely Huffman Encoding and G-Zip in Java. The software is able to compress all major file formats at a very efficient ratio.

## INDUSTRY EXPERIENCE

Programmer Analyst in Mindtree – India (August 2011 to Present): Product Engineering Services.

## SKILL SET

- Operating Systems: Linux, Windows
- Languages: C, C++, SQL, Java (Basic Level)
- DBMS Packages: MySQL, IBM DB2, Oracle Xg
- Web Development: XHTML, PHP, Javascript
- Awareness: Content Management System, Photoshop, Blogging, Cpanel, Ajax, CSS, ActionScript, Flash Builder, C#, Cloud Computing

## PERSONAL SKILLS

- Well developed communication and Inter-Personal skills.
- Keen learner. Always willing to learn new technologies.
- Team player with time management skills
- A good organizer
- Always open to challenges

## AREAS OF INTEREST

Artificial Intelligence, Machine Learning, Operating Systems, Algorithm Design, Programming Languages and Compiler Design, System Software, Networks, Web Development,

## PERSONAL PROFILE

- **Father's Name**    Anil Kumar Sinha
- **Date of Birth**    April 5<sup>th</sup>, 1989
- **Languages Known**    English, Hindi
- **Interests**    Reading, Music, Watching movies

## DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and I will be responsible for any discrepancy.

Place: Bangalore

**ROHIT SINHA**

References available on request.  
(Latest: [http://www.rohitsinha.com/Rohit\\_Sinha.pdf](http://www.rohitsinha.com/Rohit_Sinha.pdf))