Bhuvan Mohan Singh Rawal

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Educational Qualifications:

Degree/Certificate	Institution	GPA/Marks
BE Computer Science	BITS Pilani,Goa Campus	6.5
HSC Examination CBSE	Army Public School, Lucknow	87%
SSC Examination CBSE	Army Public School, Lucknow	83%

Elective Courses:

Parallel Computing	Object Oriented Programming	Quantum Info. & Computing

Work Experience / Internships

Fiorano Software Pvt Ltd Bangalore

Software Engineer   June *2013-Present*
- Working on developing functional units of SOA product based in Java language
- Implemented a MQ adapter fully compliant with JMS standards
- Supports Jboss, IBM web sphere, Fiorano MQ, Oracle AQ synchronously

Trainee Software Engineer   *Jan – June 2013*
- Developed a MongoDB adapter to execute queries in a MongoDB database
- Worked on issues in Custom Adapters based in C language

Aditya Birla Group

Reduction in Pot Motor Burning and Replacement   *May-July 2010*
- Objective was to analyze the reasons for excessive pot motor burning
- Various reasons were found and a potent solution was suggested
- Appreciated by the General Manager and stood 1st among other interns
- Achievement: Pot Motor burning rate reduced to 6% from 9% per month

Projects:

Bus Finder Application   *May-Dec 2013*
- Implementing a software which helps users to find the appropriate bus
- If a direct bus doesn't exist the best possible route is suggested
- Working on an Android application for Delhi, Mumbai, Bangalore, Kolkata, Chennai.

Prediction of Catalytic Residue using Machine Learning   *Aug-Dec 2012*
- Generated input to be fed into support vector machine
- Used various parameters like secondary structure, PSSM and Polarity
- Applications include drug discovery and Cancer research

Modified Alarm Clock Application Using Java Language   *Jan-May 2013*
- Programmed a multi utility clock which can play custom set sound
- Once the alarm turns on it asks randomly generated questions from the user

Developed a Chat Client and Server   *Feb-Mar 2013*
- Designed a chat server and client using socket programming in C language.
- Group Chat feature implemented apart from regular chat feature

Awards / Achievements:

- Decrypted a 2000+ word and 36 letter key Vigenere Cipher
- Awarded the "Best Sportsman" and "Best All-rounder" awarded at APS-Lko

Extra-Curricular Activities/Positions of Responsibility:

- Completed Stok Kangri Expedition. Summited the highest trekable peak in the world
- Stood at 4th position in the East Zonal Table-Tennis Championship.
- Worked as an Event Manager in SPREE – '09,10 & '12 at BITS-Goa
- Vice-Captain of the tennis team of BITS Goa

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