

RISHANT AGARWAL

MALE, 25 YRS

EDUCATION				
M.Sc. Tech. Information Systems	2010-2014	B.I.T.S. Pilani, Pilani Campus	6.23	
CBSE(Class XII)	2009	Bishop Conrad School, Bareilly	89.6%	Top 10
CBSE (Class X)	2007	Bishop Conrad School, Bareilly	86.8%	Top 10
INTERNSHIPS				

NALCO Corporate Office, Bhubaneswar

June 2012-July 2012

India based manufacturer and distributor of aluminum products.

Studied about implementation of SA 8000 standard in Corporate Companies.

Identified a need for automated System, developed an Intranet Portal for the company, leading a team of 3, which optimized internal processes by around 10%.

Blue Jeans Networks, Bangalore

Jan 2014 –June 2014

Company provides enterprise based video conferencing solutions.

Worked as member of Automated Web Application testing team.

Developed testing code using Selenium and Java.

Used Jenkins for automation.

Won company's internal Hackathon, project developed during the Hackathon has been integrated into the company's main product.

Zomato, Gurgaon

July 2014 – August 2014

Company provides an online Portal to search for restaurants, across 22 countries

Among top 25 most promising Internet companies in India according to 2010 survey

Developed tools for Data Management and Classification

Server side code was written in PHP and frontend was developed using HTML,CSS, JavaScript

ACADEMIC PROJECTS

CTF Ethical Hacking Contest Platform

An Online Web based Hacking Competition developed for Educational purpose.

Vulnerabilities were planted at specific locations in the website which needed to be discovered to move to next levels.

Received a nice response, worked well and was used by more than 200 people at a time.

Developed in a team of 4, using LAMP stack.

Intelligent e-Healthcare System

Cloud Based System to provide medical guidance to people using SMS and Web Services.

Deployed on Google App Engine, used Twilio API's for SMS.

Developed in a team of 4 using Python.

Developed portal for Data Acquisition and updating code from records. Worked with a team of local doctors for feedback.

Emergency Response System - Developed a system to detect location of a victim and alert the nearby medical services or other users of the application to assist the victim and help him out. Developed mainly using Google Maps API. Was deployed on App Engine.

Time Table Generator - Used Genetic Algorithm along with Heuristics to generate Timetables for University subject to constraints.

Developed in a team of 3.

Compiler Construction: Implemented a toy compiler for x86 architecture as a part of the course – Structures of Programming Languages.

Focused on Lexical Analysis, Semantic Analysis

Document Management Database System Implemented file management system in Mongo DB. User interface developed using PHP,

JavaScript, and HTML.

WORK EXPERIENCE

Hikari Tsushin Inc, Ikebukuro,Tokyo

Nov 2014 - Present

-Working as Technical Lead(Software Development) at Hikari Tsushin

- Project Management System

Developed a Management System using Salesforce, VisualForce and Apex to help in Project Development.

Project can be broken down into smaller tasks with individual tracking for each task.

Project components include Project Dashboard, Tasks Dashboard.

Option to punch number of hours spent doing individual tasks.

Automatic WBS generation for each task and project.

-Implementation of SSL Certificates

Implemented SSL certificates on company's servers
Made scripts to automatically update it on all servers

-API development

Used NodeJS and ExpressJS to develop API's using MySQL as DB.
The project helped company to take a modular approach for future project Developments

-GPS Tracking

Built an IOS app for tracking Salesman location
Used Ionic Framework and above developed API framework for it.
Contributed to few Open Source Projects while developing it.
Used Cordova Background Geolocation Tracking Plugin for it.

-Automated Project deployment system

Developed a system which compiles, builds and deploys projects across servers.
Used Jenkins along with Shell Scripts for development.
System could automatically maintain an archive of the build and deploy logs.
Developed system made the system faster and effective compared to previous method of manual deployment, making it safe from human errors.

ACHIEVEMENTS AND AWARDS

- Got 7277 AIR out of 0.47 million students in **IIT-JEE** 2010 Exam (Top 1.5%),
- Got 9580 out of 1.1 million in **AIEEE 2010** Exam, (Top 0.8%)
- Got 1550 out of 0.3 million in **UP-SEE 2010** Exam (Top 0.5%)
- Won IntraHouse Quiz Competition 2nd Rank.
- Won Hackathon at Blue Jeans Network. Developed an extension of the existing software which will be included in the upcoming release. Led a team of 4 members.
- Cleared Global Assessment of Information Technology Exam (G.A.I.T.) twice with Bronze Category.
- Cleared Oracle Certified Java SE 7 Programmer Exam.
- Made it to finals of InCTF 2013

POSITIONS OF RESPONSIBILITY

- **Coordinator (Information Systems Association)** for Apogee 2013- all India inter-collegiate technical festival of BITS. Organized events like Ethical Hacking Contest, Coding Events at BITS and Delhi Colleges, Online Quizzes, Google Social Hackathons, First Person 3D Animation Games, mentored projects and also conducted Lectures and workshop for students along with a team of 60 students. Was awarded certificate of appreciation for the work done by Prof-In-Charge. Also raised funds to run it and managed its financial stability leaving it with a profit of 2 Lakhs rupees.
- **Coordinator, BITSAA Cycle Club** – Club which aims at providing cycles to the students at very cheap prices. My work involved setting up the club, along with developing the Business Model so that club runs profitably. Awarded certificate of appreciation by Student Union.
- **Web Master**, NSS, BITS Pilani - Maintaining Website, Forums, Social network pages for the organization. Was awarded certificate of appreciation by Prof-in-charge.
- **Member**, Anti-Ragging Committee, BITS Pilani 2013.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Helped NSS in conducting Asia's biggest Blood Donation Camp (in an Institute) at Campus.
- Attended Google's G|India Conference 2013 at Delhi.
- Made it to finals of InCTF 2013
- Interested in reading books., cooking

OTHER INFORMATION

Programming Languages: C, C++, JAVA, JAVASCRIPT, JQUERY, PHP, PYTHON, And HTML

Database Management: SQL, PL/SQL, MYSQL, And MONGODB.

Operating Systems: Ubuntu, Windows, Mac OS.

Software: Microsoft Office, Adobe Dreamweaver, Photoshop, XAMPP, 3dRad, Sketchup, AppEngine, Git., IntelliJ, PHPStorm

Frameworks: Selenium, Salesforce.Com, Visualforce Pages, Apex Programming, ExpressJS, NodeJS



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