Rishabh Upadhyay

ABV Indian Institute of Information Technology and Management, Gwalior

rishabhupadhyay1694@gmail.com | +91 8989931102

http://in.linkedin.com/in/rishabh1609

OBJECTIVE

Seeking an opportunity to work in a challenging environment with a company exploring and learning new technologies and utilize my skills for company benefits. My area of interest lies in Backend Development, Data Structure, Algorithms and Machine Learning.

ACADEMICS

2011 - 2016	Integrated Post Graduation (B.tech + M.tech) in **Information Technology (IT)** ABV - Indian Institute of Information Technology and Management, Gwalior **CGPA: 8.12**
2010-2011	Class 12th (Madhya Pradesh Board of Secondary Education) National Children School, Gwalior, Madhya Pradesh. **Scored 86.40** %
2008-2009	Class 10th (Madhya Pradesh Board of Secondary Education) National Children School, Gwalior, Madhya Pradesh. **Scored 84.60** %

INTERNSHIP

SesGovernance, Mumbai   [3rd Oct 2015 – 3rd Dec 2015]

-- This is a Virtual Internship, I worked as Back-end Developer, extract data of all company from BseIndia.com and NseIndia.com and store in a database and automatically add all new entries in the database as new data came in these stocks websites, for this I write a script in Python which uses libraries like BeautifulSoup, MySQLdb, urllib2 etc that runs in every hour in server and update database.

-- All the data that stored in database are filtered using some parameters and show them on webpage using Php where one can set date first and see all details of company and can also generate excels of required information.

ABV-IIITM, Gwalior   [1st Jan 2014 – 28th Feb 2014]

-- Worked as Web Developer, made a Web Application for adding different offers and Cultural and Technical event on the same platform and also search them college wise as well as locality wise dynamically. In this website I use **JSP, Servlets, HTML5, CSS3, JavaScript, MySQL** etc.

PROJECTS

Automatic Question Paper Generation Using Non Dominated Sorting Artificial Bee Colony Algorithm   [1st Jan 2016 – 1st May 2016]

Automatic question paper generation is a process of generating question papers according to user's constraints from a vast database that contains a large number of questions along with their constraints. This problem is Multi-Constrained Optimization problems. So, to cope with this problem, I proposed an Enhanced Multi-Objective Non-dominated Sorting Artificial Bee Colony approach which produced the non-

dominated set of high-quality question paper from an extensive database of the questions. The application is built using **Python** as Programming Language and database is made in **MySql**. Here the result generated is better than NSGA and NSPSO algorithms.

Products Comparative Reviews System Using Python [1st June 2014 – 1st August 2014]

I built a System which provided sentiment of product reviews on e-commerce with comparative analysis of other products. In this project we first extract reviews of products by certified user from e-commerce websites using **Beautiful Soup** and store in **MongoDB** and then analysis the review using **NLTK** and compare features of products and predict which one is better.

JobBureau, Online Simulation Game [15th Oct 2012 – 31st Nov 2012]

JobBureau is a simulation event in our college Technical Fest Infotsav. Since I organized this event in 2012, so I have updated the previous year websites of this Game and add many features such as Achievements and offers and also change the schema of database. The whole website is in Php and database of this website is in MySQL.

Online College Magazine [1st Feb 2013 – 31st March 2013]

-In this website college upload all their events and program and also take valuable feedback or suggestions from the students.
-Its back-end is made by using **Spring 3.0** Framework and Database is formed by using **Hibernate 4.0**.
-Its front end is made by using **HTML5**, **CSS3**, **JSP**, **Servlets, JavaScript** and **JQuery**.

Online Book Sales [1st Feb 2012 – 31st March 2012]

It was a project by IBM, in which I designed an e-commerce website for online book selling. It is a website from where you can buy a book and it that book is not present and you want that book as you chosen that book as favorite, we will send you notification when book is available at website The main technologies used were **Java Script, PHP, HTML, CSS and DB2.**

TRAINING

[15th May 2012 – 15th July 2012]

8 Weeks professional training of **C++ and OOPS** in **MassParvs Private Ltd., Gwalior**.

[11th August 2012 – 24th September 2012]

6 Weeks professional training of **Web Development** in **Peregrine Aerotech Pvt. Ltd., Gwalior** and completed a project of School Academics Portal. The training included learning of PHP, JavaScript, HTML5 and CSS3.

SKILLS

Programming Language	C, C++, Data Structure, Python and Java
Web Development Tools	HTML5, CSS3, JavaScript, PHP, Python, Servlets, JSP, Spring 3.0, Hibernate 4.0, MySQL, MongoDB
Packages and Tools	Eclipse, NetBeans, Visual Studio , Android SDK , Adobe Photoshop Beautiful Soup, NLTK
Operating Systems	Windows [2000, XP, Vista, 7, 8, 8.1, 10], Fedora 21

- ✓ **Joint Secretory** of **Student Activity Council**, ABV IIITM.
- ✓ **AIR 10735,** State Rank 887 (Madhya Pradesh) at **AIEEE 2011**.
- ✓ **AIR 1137** (Gate Score 647) in Gate 2016.
- ✓ Rank Opener of ABV-IIITM, Gwalior.
- ✓ Organized **B-Quiz** under E-cell at ABV-IIITM campus.
- ✓ Organized "**Aurora Idol** in associate with **Shankar Mahadevan Academy**" under the cultural fest Aurora 2013.
- ✓ Organized **Brouhaha (Advertising Contest)** as a part of Infotsav 2012.
- ✓ Organized **Job Bureau** (Online Event) as a part of Infotsav 2013.
- ✓ **Runner up** of **Akraman-Ethical Hacking Contest** in Infotsav'13.
- ✓ Received Certificate for teaching **OOPS via C++** to 1st year's students of ABV IIITM Institute under AASF Forum (February, 2013).
- ✓ Operation team for ACM-ICPC Asia Region, Gwalior Site – 2014.

DECLARATION

- ▪ I, Rishabh Upadhyay, hereby declare that the above Information is true of my Knowledge as of 25th June 2016.
- ▪ References will be available on Request.

Tech Profiles

1. codechef.com/users/protector_16
2. hackerrank.com/rishabh1609

| Date of Birth 16/09/94 | Room No. 118, Boys Hostel-1, ABV-IIITM Gwalior MP 474015 |