

# SOURAV VERMA

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## EDUCATION

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<b>IPG (Integrated Post Graduate) in Information Technology</b> Indian Institute Of Information Technology & Management, Gwalior, CGPA : 7/10 (Jul 2017)	Aug 2013 - Present
<b>Senior Secondary Schooling, Class XIIth</b> V.M High School & Inter College, Gopalganj, Percentage : 76%	Jun 2010 - May 2012
<b>Secondary Schooling, Class Xth</b> V.M High School & Inter College, Gopalganj, Percentage : 86%	Jun 2009 - May 2010

## SKILLS & INTERESTS

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<b>Area Of Interest</b>	Data Structures and Algorithms, Data Science, Machine Learning
<b>Programming Languages</b>	C, C++, Python, Java (Basics), PHP, JS, HTML, CSS
<b>Tools/Frameworks</b>	MongoDB, Django (Basics), MySQL (Basics), SQLite, $\text{\LaTeX}$
<b>Platforms</b>	Windows, Linux (Ubuntu)

## PROJECT WORKS

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<b>Personalized News Recommender System Based On Hybrid Filtering</b> <i>B.Tech Project (Thesis)</i>	IITM Gwalior
<ul style="list-style-type: none"><li>• A GUI based News Recommender System to recommend news to users based on various parameters of the news like Geo facet, Per Facet, Des Facet, Published Date, Updated Date, Sections etc using Hybrid filtering technique efficiently and correctly.</li><li>• Skills/Tools/Frameworks: Python, Data Mining, MongoDB, TkInter, Pycharm etc.</li></ul>	
<b>Enhancement in workings of Public Distribution System (PDS) in Digital India</b> <i>Academic Project (SAD)</i>	IITM Gwalior
<ul style="list-style-type: none"><li>• A software based working of PDS. Made an user friendly software (Particularly a website) by presenting it as an e-commerce site, also added cart based delivery services into it (mainly for the urban users).</li><li>• Skills/Tools: JavaScript, HTML, CSS, Wix</li></ul>	
<b>Predict House Prices: Regression Techniques</b> <i>ML Project</i>	IITM Gwalior
<ul style="list-style-type: none"><li>• Performed data preprocessing, transformation and handled missing data values on a housing data set.</li><li>• Applied lasso and ridge regression to predict the sales price of a house, developed the code in Python.</li></ul>	
<b>SRS &amp; Project Development on JET Messenger (Kinda LAN messaging software)</b> <i>Academic Project (SE)</i>	IITM Gwalior
<ul style="list-style-type: none"><li>• Jet Messenger v1.0 is a peer to peer LAN messenger which needs no dedicated server for connections and messaging.</li><li>• Skills/Tools: HTML 5, Visual Studio 2010, Sublime-text</li></ul>	
<b>cric_score (A Web Crawler)</b>	IITM Gwalior
<ul style="list-style-type: none"><li>• Implemented a simple Python Script to show live cricket scores in the command prompt.</li></ul>	

## INTERNSHIP EXPERIENCE

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<b>Redonic ES : Data Science Intern</b>	May 2017 - Jun 2017
<ul style="list-style-type: none"><li>• Internship activity includes scraping publication data from various management journals, collating, cleaning the data, and developing an artificial intelligence based ranking system.</li></ul>	

## TRAININGS

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<b>Applied Data Science With Python</b> Coursera (Online) This skills-based specialization is intended for learners who have basic python or programming background, and want to apply statistical, machine learning, information visualization, text analysis etc techniques to gain insight into their data.	Apr 2016 - Jul 2016
<b>Full Stack Web Development</b> free code camp (Online) This skills-based specialization is intended for learners who want to learn Front-End, Back-End development.	Mar 2016 - Present
<b>Machine Learning By Andrew Ng</b> Coursera (Online) This skills-based specialization provides a broad introduction to machine learning, data mining, and statistical pattern recognition. Topics include : Supervised learning, Unsupervised learning, Neural Networks, Best practices in machine learning (bias/variance theory; innovation process in machine learning and AI) etc.	May 2017 - Present

## ACHIEVEMENTS & CERTIFICATES

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<b>Active participation on online competitive coding platforms</b> Platforms : CodeForces, CodeChef, HackerRank, HackerEarth etc User Handle - SrGrace	2015 - Present
<b>Certification in MongoDB For Developer &amp; Node Developer</b> Course Code : m101p & m101JS	Mar 2016 - May 2016
<b>TCS CodeVita-2016</b> Got rank under 200 among 60,000 participants in the final online eliminator	2016 - 2017
<b>CodeChef SnackDown-2017</b> Got rank under 300 in the final online eliminator	Apr 2017 - May 2017

## POSITION OF RESPONSIBILITY/VOLUNTEER EXPERIENCE

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<b>Cognitive Campus Ambassador</b> TopCoder	Jun 2017 - Present
<b>SnackDown Campus Representative</b> CodeChef	Apr 2017 - Jun 2017
<b>SnackDown Campus Ambassador</b> CodeChef	May 2016 - Jun 2016

## INTERESTS/HOBBIES

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Watching Documentaries (mostly Space related, Historical stuffs & Biographies), Movies, TV-Series, Star Gazing, Solving Puzzles, Reading Novels, Playing video games, Cricket, Football etc.