### Kumar Vimal



EDUCATION			
IPG(B.Tech(IT)+M.Tech(IT))	ABV-IIITM Gwalior	9.02/10(In Progress)	2010-2015
Class XII, Intermediate Board(AP)	Mahathi Junior College, Visakhapatnam	91.5%	2010
Class X, CBSE	Delhi Public School, Visakhapatnam	88.8%	2008

### AREAS OF INTEREST

- Data Structures and Algorithms
- Database Management
- Operating System

### SKILLS

- Languages: C/C++, Java, Android SDK, PHP
- Operating Systems: Windows, Linux, Android
- Tools: MS-Office, Matlab, XAMP, Eclipse, NetBeans, Visual Studio
- Databases :Oracle, MySQL

# **PROJECTS**

## ■ B. Tech Project (May'13 – Oct'13)

Developed an application "RoadRadar" that runs on the android platform. The application uses sensors present on the smartphone (accelerometer, magnetometer, GPS antennas) to get crowd-sourced data from vehicle users and machine learning to classify data.

Gwalior7 (http://www.gwalior7.com)

Developed the e-commerce site gwalior7.com using the Magento Community Edition, an open source e-commerce web application. Gwalior7 is a start-up from ABV-IIITM that enables customers to save time and connect them with sellers across the city.

■ The Great Mind Challenge (TGMC), 2011

Developed an online market site using J2EE technology as a member of the team "INNOVATIVE\_DEVELOPERS".

### **ACHIEVEMENTS**

- **2010 Batch Topper** at ABV-IIITM, Gwalior.
- Secured 51<sup>st</sup> position at national level in Level-2 of National Science Olympiad (NSO), 2005.
- Cleared all levels of National Talent Search Examination (NTSE) conducted by National Council of Educational Research and Training (NCERT) in 2008.
- Secured 1217 rank in Graduate Aptitude Test in Engineering (GATE) 2014 having a percentile of 99.2158 among the appeared candidates.
- Secured 1st position in Akraman (Hacking Contest), 1st position in Class-Byte (Java Quiz Contest) and 2<sup>nd</sup> position in SynC (C/C++ Quiz Contest) held under Infotsav 2012, ABV-IIITM Gwalior.
- Secured 34th position in **ACM-ICPC Asia Amritapuri Regional Contest**, 2012.
- Successfully completed the IBM certification on Tivoli and DB2 in 2012.
- Secured 1st position in Case Study Contest conducted under AASF, ABV-IIITM.
- Cleared the qualifier round in **Google Code Jam 2013**.
- Secured 1st position in **La Ingenious** (Software Making Contest) and 2nd position in **Crypton** (Reverse Engineering and Cryptography Contest) held under Infotsav 2013, ABV-IIITM Gwalior.

### **STRENGTHS**

- Logical analysis to any given problem at hand.
- Good listener & provides guidance & support to peers.

POSITIONS OF RESPONSIBILITY		
Technical Head	• Technical Head of Infotsav, 2013 Annual Techno-Management Fest of ABV-IIITM Gwalior	
Event Organiser	Organizer of the event <b>Code Weavers</b> held in Infotsav, 2012 hosted at codechef.com with over 245 participants (http://www.codechef.com/CDWV2012/)	
Problem Setter	• Problem Setter for the programming contest <b>Code Weavers</b> held under Infotsav, 2012.	
<b>Technical Session</b>	• Taught core Java and JDBC basics in <b>Java Week</b> , an AASF session in 2012-2013.	