

Dheeraj kumar Bokde

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OBJECTIVE

To enhance my technical skills and knowledge through challenging job in the IT Organization that provides me ample opportunity to explore & excel in the field of Computer Science & Engineering

SUMMARY

- Hardworking and dedicated individual completed **M.E. (Information Technology)** from **MIT Pune**, affiliated to **Pune University**, determined to crave a successful and satisfying career in IT Industry.
 - Equipped with the core domain knowledge of core subjects like Data Structures, Database Management System, Design and Analysis of Algorithms and Software Development concepts.
 - Possess knowledge of languages like **C**, **C++** and **Java**, completed B.E. and M.E. academic curriculum projects and two International Paper publications.
 - Understanding of Hadoop, **BigData** Concepts: 3 V's, HDFS/YARN Architecture, MapReduce steps etc.
 - Hands on experience with **Cloudera**, **Hadoop**, **Mahout**, **Pig**, **Hive**, **Sqoop** etc.
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EDUCATIONAL CREDENTIALS

M.E. (Information Technology), 2015

Savitribai Phule Pune University,

MIT, Pune, Maharashtra; CGPA: 8.52/10

B.E. (Computer Science & Engineering), 2012

R.T.M. Nagpur University,

BMCE, Nagpur, Maharashtra; Marks: 62.01%

H.S.C. (General Science), 2007

Maharashtra State Board,

Sindhu Mahavidyalaya, Nagpur; Marks: 63.50%

S.S.C., 2005

Central Board of Secondary Education,

JNV Chhindwara, Madhya Pradesh; Marks: 61.80%

TECHNICAL SKILLS

Operating System	Windows XP/7/8, Linux
Programming Languages	C, C++, Java
Frameworks	J2EE, JSP, Servlet, Struts, Hibernate
Tools	Apache Hadoop, Mahout, HUE, Pig, Hive, Sqoop
IDE	Netbeans, Eclipse
Database	MySQL, Oracle 10g

PROJECTS UNDERTAKEN

- 1. Offering an Efficient Collaborative Filtering Algorithm for Massive Dataset using Mahout**
Use Case **University Recommendation System (URS)** (M.E. Project at MIT, Pune)
Technologies Apache Mahout and Java, J2EE, JSP, Oracle 10g
Role Researcher & Developer
Description This work aims at offering URS, which combines Multi Criteria-Collaborative Filtering (MC-CF) and Dimensionality Reduction techniques to provide high quality University/College recommendation to Students. The proposed solution not only reduces the computation cost but also increases the prediction accuracy and efficiency of the MC-CF algorithms implemented using Mahout framework.
- 2. Image Filtering and Noise Reduction by Fuzzy Logic** (B.E. Project at BMCE, Nagpur)
Technologies Java and 2D API
Role GUI Designer
Description This work aims to reduce the additive noise over grey scale images using the Fuzzy Logic and to apply various filtration techniques to improve image quality.

PAPER PUBLICATIONS

1. Dheeraj Bokde, Sheetal Girase, Debajyoti Mukhopadhyay, "**An Approach to A University Recommendation by Multi-Criteria Collaborative Filtering and Dimensionality Reduction Techniques**," *1st IEEE International Symposium on Nanoelectronic and Information System (iNIS-2015)*, IEEE, Indore, Madhya Pradesh, India, 21-23 December 2015
2. Dheeraj kumar Bokde, Sheetal Girase, Debajyoti Mukhopadhyay, "**Matrix Factorization Model in Collaborative Filtering Algorithms: A Survey**," *4th International Conference on Advances in Computing, Communication and Control (ICAC3-2015)*, ISSN: 1877-0509, © Procedia Computer Science, Elsevier B.V., Mumbai, Maharashtra, India, April 01, 2015
3. Dheeraj kumar Bokde, Sheetal Girase, Debajyoti Mukhopadhyay, "**An Item-Based Collaborative Filtering using Dimensionality Reduction Techniques on Mahout Framework**," *4th Post Graduate Conference for Information Technology (iPGCon'15)*, Amrutvahini College of Engineering, Sangamner, Maharashtra, India, March 24-25, 2015
4. Dheeraj kumar Bokde, Sheetal Girase, Debajyoti Mukhopadhyay, "**Role of Matrix Factorization Model in Collaborative Filtering Algorithm: A Survey**," Published in *International Journal of Advance Foundation and Research in Computer (IJAFCR)*, ISSN: 2348-4853, Volume 1, Issue 12, pp. 111-117, December 2014

CERTIFICATIONS

- **Microsoft Technology Associate** (Software Development Fundamentals) Certification [Feb-2015]
- **QUEST** (C-Programming) Certification [Oct-2011]
- **MS-CIT** Certification [July-2010]

CURRICULAR ACTIVITIES

- Used "**KALI Linux**" for Wi-Fi hacking as an academic work on Information Security
- Attended 5 days State Level workshop on "**BIG DATA: Fundamental and Administration of Hadoop**" organised by Department of Information Technology, MIT Pune
- Attended 5 days workshop on "**Introduction to LINUX and Kernel Level Programming**" organised by Department of Information Technology, MIT Pune

EXTRA-CURRICULAR ACTIVITIES

- Participated in GUI Design Competition in TEXPHYR'14, MIT, Pune
- Participated in National level Paper Presentation in SHIKHAR'12, JIT, Nagpur
- Participated in CAT Exam in FACE-IT'10, KDKCE, Nagpur
- Won 1st prize in Poster Competition in SANKALP'09, BMCE, Nagpur

PERSONAL PROFILE

Gender	Male
Nationality	Indian
Marital Status	Single
Languages Known	English, Hindi, Marathi
Hobbies	Internet Surfing, Drawing & Painting, Listening Music