

RESUME

BASAVARAJ G. KUMBAR

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Location : Bagalkot

Objective

Looking for a rewarding career in a reputed organization, which offers both professional and personal growth using agile methodology and enables me to contribute to the growth of that organization.

Professional Experience

- Having 8 years of experience in academic.
- Working as Assistant Professor in CSE Department at Biluru Gurubasava Mahaswamiji Institute of Technology-Mudhol, from Aug 2014 to till date.
- Worked as Assistant Professor in CSE Department at VSM Institute of Technology-Nipani, from July 2012 to July 2014.
- Worked as Lecture in REC Hulkoti from Aug 2009 to Oct 2010

Academic Details

- M.Tech in **Computer Science & Engineering** with aggregate of **73.79%** from East West Institute of Technology, Bengaluru under VTU Belgaum in 2012.
- B.E in **Computer Science & Engineering** with aggregate of **61.65%** from Basaveshwar Engineering College, Bagalkot under VTU Belgaum in 2008.
- PUC with **67.33%** from Basaveshwar Science College, Bagalkot in 2004.
- SSLC with **79.20%** from NEHS, Galagali in 2002.

Subject and Labs Handled

- Computer Concepts and Programming
- Data Structure using C
- Design and Analysis of Algorithms
- System Software
- Automata Theory and Computability
- System Simulation and Modelling
- Unix System Programming

- Web Technology and Its Applications
- Machine Learning
- Operations Research

Labs: Data Structure using C/C++, System Software and Operating System, Design and Analysis of Algorithms, Unix System Programming and Compiler Design, System Software and Operating Systems, Web Programming, Machine Learning.

Technical Skills

- **Programming Languages** : C, C++, Core Java, SQL, PHP and HTML.
- **Operating Systems** : Windows XP, Linux.
- **Interested Areas** : Fog Computing and Artificial Intelligence.

Curricular Achievements

- Published a paper on “**A Policy Based Secure Routing and File Sharing Mechanism for Trusted Ad Hoc Networks**” in “*Journal of Advances in Science and Technology*” Vol. 12, Issue No. 25 Dec 2016, ISSN 2230-9659.
- Presented a paper on “**A Policy Based Secure Routing (SR) and File Sharing (FS) Mechanism for Trusted Ad Hoc Networks**” in “*National conference*” held at BMS College of Engineering, Bangalore in the year 2012.
- Published a paper on “**A Policy Enforcing Mechanism for Trusted AdHoc Networks**” in “*National Conference*” held at EAST WEST INSTITUTE OF TECHNOLOGY-Bangalore year 2011.

Trainings and workshops Attended

- Attended Five days’ workshop on Data classification and Practicing with Python and Matlab held at JNCE, Shivamogga
- Attended two days’ workshop on **Big data Analytics** held at Basaveshwara Engineering College Bagalkot
- Undergone two day Faculty Development Program training in VTU Belgaum conducted by Computer Society of India(CSI)
- Attended one day Faculty Development Program training in VSM Institute of Technology Nipani.

Extra Activities

- Working as Information Center officer- Coordinator and Affiliation Coordinator.
- Worked as Internal Assessment Coordinator.
- Currently working as Attestation Officer.

Academic Projects

M.Tech Final Year Project

Project Title: “A Policy Based Secure Routing(SR) and File Sharing(FS) Mechanism for Trusted Ad Hoc Networks”

Platform: Windows XP

Language: Java

To provide proper communication in Mobile Ad hoc Networks (MANETs), we must ensure that, all the applications running in each node must be controlled by proper communication policies. This ensures fair, secure and trusted communication among the nodes which are participating in the Ad hoc network. To enforce policies in MANETS is difficult and challenging because of its lack of infrastructure character. This project presents the design and implementations of a policy based Secure Routing (SR) and File sharing (FS) mechanism for trusted Adhoc Networks.

B.E Final Year Project

Project Title: “Analysis of Sound Patterns for Vehicle classification”

-Neural Network Based Approach

Software: MATLAB

The sound of a working vehicle provides an important clue to the vehicle type. Different type of vehicle models emits different sound patterns. On the basis of these sound patterns, different type of vehicles can be classified. For smart classification (approximation) neural network method is used.

Other Project

Project Title: “Payroll Software for College”

Technology Used: WAMP, PHP, MySQL, HTML, Java Script

Payroll software is a necessary, in growing institutes to keep and manage employees account. This makes easier to calculate salary of an employee and gives his detailed history.

Personal Details

Address : **Basavaraj G.Kumbar**
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Navanagar-Bagalkot. – 587103

Date of Birth : 16th June, 1986.

Sex/Marital Status : Male/ Un Married

Languages Known : English, Kannada and Hindi

Father's /Mother's Name : Girmallappa/ Dakshayani

Hobbies : Reading books and news papers.