RESUME

Yashodhan S. Katte.
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Career Objective:

      To excel my skills by regularly updating them, taking up responsibility and serving my best to the organization and emerge as a team player.

Academic Qualifications:

      Completed M.Tech Computer Science & Engineering from International Institute Of Information Technology,Hyderabad (IIIT-H).

Degree/Course	Board/University	College	Marks obtained
M.TECH (CSE)	IIIT,Hyderabad	IIIT,Hyderabad	7.6 CGPA
B.E. (CSE)	V.T.U.	Bahubali College Of Engineering	64 %

Professional Experience:

Company	Duration served	Domain and technology used
Citi group	1st June 2012 – Present	Working as Java developer.
Xurmo Technologies (Intern)	15th May 2012 – 13th July 2012	Information retriaval and extraction. Used core Java.

Project Work :

- **Professional:**
  - **"Word Sense Disambiguation" in Java:**
    Implemented mechanism to find meaning of word depending on context, used knowledge-base (wordnet) which contain different meanings of word as well as related words. Handled phrase detection. Results 86% words matched to correct sense.

  - **"Online Recruitment tracker" in Java + Flex:**
    Built end to end application for keeping track of Recruitment process centrally as a part of learning activity during traning period.

  - Presently working as part of CitiRisk commercial team as Java developer and actively contributing to achieve team's goals.

- **Academic:**
  - **"Vanish" in Java:**
    Built utility which will ensure security of emails by using encryption with use of peer to peer network for key distribution. The emails can be given life time after which they will be rendered unreadable.

- **"Social share" in Node.js:**
  Built a web based social sharing application where users can post ads for sharing/renting real world objects, designed for scalability with Node.js and mongoDB. Application can simultaneously take queries from thousands of users and perform fulltext search.

- **Distributed Relational Database Management System**
  Built distributed relational DBMS using non-distributed relational DBMS. It supports horizontal, vertical and mixed fragmentations. Distributed query optimization is done. Technologies: Java, MySQL

- **"A virtualization orchestration layer" in Java:**
  Built a fabric that can coordinate the provisioning of computer resources by negotiating with set of hypervisors running across physical servers in data center.

- **"Pattern based keyword extraction for contextual advertisement" in Java:**
  Manually annotated web pages were observed for (parts-of-speech) patterns in keywords. Picked top four patterns and used them while doing keyword extraction. Used two methods for keyword extraction N-Gram and POS. Compared these methods and found that POS reduces potential candidates by 86% as compared to N-Gram making POS ten times faster.

- **"Wikipedia search engine" in Java:**
  Built search engine on Wikipedia data-set of size 23 GB. Created index which is efficient and small in size. Performed Stemming and stopword removal. For ranking own ranking method was developed. Result were retried within 1 sec.

- **"Online file sharing portal" with PHP, HTML, SQL:**
  Built online portal for user to sign-in and upload-share files with other registered users he wants to share that file with. Users stores files in database, with SQL injections being taken care of also sessions were created to give security to accounts. Captcha was implemented to stop bots.

- **"DB-Engine" in C++:**
  Implemented working of database engine. Implemented different sorting methods (both in-memory and out-of-memory), query handling with validation for attributes and tables.

Software Skills:

- Programming Languages: Java , C , C++ , Adobe Flex, DotNet (c#) , assembly language.
- Scripting Language: Shell Scripting, PHP.
- Platforms: Windows, Linux (Fedora, Ubuntu).
- Tools: Eclipse, Netbeans, MS Visual studio.
- WebTechnologies: JSP, Servlet, HTML, CSS, XML.
- Areas of Interest: Programming, Algorithms, DataStructures, Cloud, Operating Systems, Networking, Web Development.

Workshops :

- Attended workshops on "Virtualization and Network Security" by Vmware.

- Attended workshop on "Practical Aspects of Broadband and Mobile communication" at MCE Hassan.

Achievements :

- Qualified GATE-2011 with 99 percentile.
- Awarded 1st prize for B.Tech Final year project "vanish".
- Bagged 1st prize in five C debugging competitions in Bahubali college of Engg.
- Joint secretary of ISTE Student chapter at Bahubali college of Engg for two years.
- Participated and bagged various prizes in annual technical and cultural festivals.
- Organized State level and college level technical fests.
- Secured 1st prize in gaming Events at college consecutively for two years.

Hobbies:

- Playing Cricket and Computer games.
- Reading books, skating/skateboarding,websurfing.

Personal details:

Name   : Yashodhan Sanatkumar Katte.
Father's name : Sanatkumar Chintamani Katte.
Date of birth   : May 31, 1989.
Nationality   : Indian.
Languages   : English, Marathi, Hindi, Kanada.

Declaration:

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Yashodhan S. Katte