

ALEKHYA VEMAVARAPU

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Personal Overview

Dedication towards work, interest in learning. Ability to handle pressure and adaptive to changes.

Education

Masters in Information Technology at IIIT, Hyderabad. GPA-7.25(Till Date) *Jun 13 to May 15 (expected)*

- *Coursework:* Data Base Management Systems, Operating Systems, Data Structures, Software System Design

Bachelors in Computer Science & Engineering at K.L.University, Vijayawada. GPA-8.0 *Aug 09 to Apr 13*

- *Coursework:* Programming Languages, Object Oriented Analysis & Design, Web Programming, Computer Networks.

Technical Skills

<i>Programming Languages</i>	: Java, C, C++.
<i>J2EE Technologies</i>	: Servlets, JDBC, Web Services.
<i>UI Technologies</i>	: HTML, CSS, JavaScript, JSP.
<i>Databases</i>	: MySQL, Oracle, SQL Server
<i>IDE's</i>	: Eclipse, NetBeans

Technical Experience:

Multi-Class Classification of Text Documents. *Apr'14 to May'14*

It is a java based application, using UIMA framework and language processing tools, which will help the user to input a document and our system provides summary of that document by classifying it into predefined classes. After a document is classified, user will be able to see those phrases/ sentences in the document which are more responsible for the obtained summary or classification.

Responsibilities:

- Using UIMA framework to transform unstructured information to structured information.
- Stanford POS Tagger to tag the document.
- Identifying problem statement, designing solutions.

Technologies/Tools used: Word Net API, Java (Eclipse IDE).

Online Chess Master *Feb'14 to Mar'14*

This is a Web application which allows users to play chess online. Users can register, start a board and wait till another user joins him for a game. This web application also provides videos on chess for the nomads and also conveys tips and tricks as the user logs in.

Responsibilities:

- Designing game logic using JavaScript.
- Building server side using servlets.
- Managing two player game.

Technologies/Tools used: HTML, Java Script, Java (Eclipse IDE), Servlets.

Mini Search Engine *Sept' 13 to Oct'13*

This is a search engine with optimized functionality which takes input in the form of bigrams or trigrams from the user and performs an efficient search producing optimum results. User can also choose a search algorithm along with combinations like *and*, *or* etc.

Responsibilities:

- Crawling Mechanism, Efficient implementation of search algorithms
- UI design.
- Processing user input/output.

Technologies/Tools used: Web Crawling, Java (Eclipse IDE).

Implicit Password Authentication System for Cloud Environment

Jan'13 to April '13

This is a frame work that is immune to the common attacks suffered by other verification schemes. Here the verification information is absolutely accessible to the user. Strength of PASCE lies in creating a good verification space with adequately huge set of images to shun short repeating cycles.

Responsibilities:

- Accessing user specific data.
- Random generation of security questions.
- Managing data in cloud.

Technologies/Tools used: Java (Eclipse IDE), MySQL, Apache Tomcat.

Achievements

- Active member of editorial team, MSIT.
- Active Member of Technical Club, KL University Student Ordinate.
- Awarded as **Best Organizer** for 'Samyak-11', the Techno-Management Festival of KL University, Vja.
- Worked as '**Editor**' for the KL University Student Magazine "The Horizon".
- Won **2nd Prize** in the Inter School Chess Competition held in Vijayawada.

Alekhya Vemavarapu