

Vamsi Krishna Srungarapu

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OBJECTIVE

To seek a role in Information Technology industry, which will have capability of working in product oriented software and application specific programming.

PROFESSIONAL EXPERIENCE

- Software Development Engineer at Amazon; working on a project related to Access Management
[Jun14 – Till Date]
Developing and maintaining an internal which manages permissions of employees on hosts and membership in groups.
Transitioned ownership of a couple of tools from Seattle team to India Team
Skills: **Java, Perl, Javascript.**
- Software Development Engineer –Intern at Amazon; Worked on designing and implementing a generic, extensible web application for debugging multiple services.
[Dec 13 – Jun 14]
Designed and developed a generic, extensible unified data debugger.
Designed and developed a self-service visual debugger for debugging several web applications.
Skills: **Java, Spring, Javascript, HTML, Javascript InfoVis Toolkit(JIT js)**
- 2 years of experience as Systems Engineer at Infosys Ltd; worked as a WebLogic Server administrator for a US based client.
[Jun 10 – Jul 12]

SKILLS

- | | | | |
|--------------------|-------------------------------|------------------------|-------------------|
| • Languages | : C,Java, Python | • Relational Databases | : MySQL |
| • Web Technologies | : HTML, JavaScript, AJAX, JSP | • Operating Systems | : Windows, Ubuntu |

EDUCATION

- **Masters of Technology** [Software Engineering] [2012-`14]
International Institute of Information Technology Bangalore, CGPA - 3.6/ 4.
Courses: Object Oriented Analysis and Design, Design Patterns, Data Analytics, Web Information Retrieval, Data Structures and Algorithms
- **Bachelor of Technology** [Electronics and Communication Engineering] [2006-`10]
Gandhi Institute of Technology And Management, Visakhapatnam, CGPA – 9.03/10.
Courses: Computer Networking, Programming Languages, And Digital Electronics

ACADEMIC PROJECTS

- **Data Analysis on Sports Men Wikipedia text** (Team Size: 2) [Jul-Sep 2013]
Performed exploratory, predictive, clustering and classification on Sports Men Wikipedia Text in Python, R
- **eBay Prototype** (Team Size:7, Role : Team Lead) [Jan-Mar 2013]
Built a prototype of the e-commerce website eBay using jsp, struts2, tiles, JavaScript in MVC framework.
- **Stripped down OS for light weight virtual machines** (Team Size:4, Role: Team Lead) [Jan-Mar 2013]
This project deals with building two small Virtual Machines, which are light, weight, capable of running only a single application or service on them. They should not have any other features and daemons, which are not required by the service or application. Out of the two applications one is network-intensive and the other is non-network - intensive.
- **Content Based Search in Ubuntu** (Team Size:3) [March 2013]
Created a desktop-based application for debian based operating systems (tested with ubuntu) which has capability to perform context-based search in pdf documents.
- **Optimized fleet schedule in Supply Chain Management** (Team Size:5, Role : Team Lead) [Aug-Nov 2012]
Worked on finding an optimized algorithm for fleet scheduling in SCM project funded by Infosys Ltd.
- **Virtual file System in C** (Team Size:4, Role : Team Lead) [Aug-Nov 2012]
Implemented an abstraction layer to manage information about files and folders present in the hard disk. Data structures used are N-ary Tree, BST, Hash table.
- **EForum** (Team Size:3, Role : Team Lead) [Nov-Dec 2012]
Built a prototype of the Stack Overflow website using jsp, struts2, tiles, JavaScript in MVC framework.

HOBBY PROJECTS

- **Text Summarize**
This project crates a summary of a given huge text. The number of lines in the summary is configurable.
This is an implementation of Lex Rank algorithm in Python.
Source Code : <https://github.com/vamsi2018/TextSummarize>
- **Semi Anonymous Chat Engine**
Built a web based chat application where users can chat with other online users
 - Privately
 - Anonymously
 - Group ChatUsing NodeJs, HTML, Javascript, CSS
Source Code Link: <https://github.com/vamsi2018/ChatServer-nodejs>
- **FaceTweet**
A chrome extension when installed in the chrome browser, creates a Tweet Button beside every news Feed.
On clicking this Tweet Button, one can share any news feed (text, image, video) on Twitter.
Source Code : <https://github.com/vamsi2018/FaceTweet>