

BHEEMARASETTY B SANKAR

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Born 07th January, 1989 – Driving license



CAREER GOALS:

- To strive for excellence in all spheres of participation and aim towards progressive learning.
- To work in a challenging and creative environment, and effectively learn and attain industrial skill & knowledge with the guidance and supervision of the organization.

STRENGTHS:

- Planning, Event and Resource Management, Team work and leadership.
- Ability to mould myself into any kind of role to be promising and entrusted part of team and deliver the best.
- Zeal to face new challenges and determined to excel.

ACADAMIC QUALIFICATIONS:

- 2006-2010 B.TECH - Information Technology Branch in Vellore Institute of Technology, Vellore (VIT UNIVERSITY) with 8.08 CGPA. (80.08%)
- 2004-2006 Intermediate (11th and 12th standard) - Board of intermediate Education, Andhra Pradesh in Sri chaitanya college, Vishakhapatnam with 90.6%
- 2003-2004 State Board SSC (10th standard) - State Secondary Education, Andhra Pradesh in Vasavi Bala Vihar school, Anakapalli with 66.5%

TECHNICAL SKILLS:

- Website creation, server administration, Ethical Hacking with windows & Linux (Backtrack, Ubuntu);
- Use of C, C++, Java, RDBMS, HTML, Basics in PHP and Python, Basic CSS and shell scripting;
- Use of general office, networks and Graphic software's includes Adobe suite, VMware under Windows and Linux.

PROFESSIONAL EXPERIENCE:

- Present Working in Tata Consultancy Services as Assistant systems Engineer, Bangalore.
Experience: 1 year 2 months
Project Name: SAP Business ByDesign Product
Details: Working on SAP Business ByDesign Product as various roles & teams includes SAP System Installation, SPAM Update (updating latest software changes), Patching Activities (Hot fixing, updating latest corrections), Incident's Monitoring and solving Incidents of all kinds of issues (Restarts systems, Problem with Systems, Wily monitoring, connection tests, general technical issues), Installing customers requests (Assigning specific URL's, Business Objects, Post processing checks), Configuring Validation lab tenant requests (Assigning more customers in single system & development systems like solving issues).
Location: Currently working in SAP LABS, Bangalore (As an Offsite opportunity – client location).
- May 2010 **Project Name: Mobile Agents and Packet Marking for Real time IP track**
Details: Internet & computer technology are increasingly being used almost in all the fields. With increasing migration towards threats to all computer systems. The most popular attack on the internet being the Denial of service (Dos) attack, there is growing need to be able to track the sources of the attacks. IP traceback schemes can be used for tracing the source of attacks. We proposed a mechanism

for IP traceback which is based on packet marking and mobile agents will give us a way to stop the attacker at the source. (Basic Idea and Model)

Solution: we have presented an IP traceback scheme using mobile agents and packet marking whereby routers mark packets transiting through them with their IP address. This address is encoded in some fields in the IP header. The victim computer or network can launch mobile agents, which uses the address in the packets to traceback to the router nearest to the source of attack and in some cases even to the source of attack.

Technologies and software used: Java, MS-SQL Server, RDBMS, Java applets.

Location: Completed this project as a Final semester Project in college as a part of course.

Nov 2009

Project Name: Modified Blowfish algorithm for enhanced performance

Details: Blowfish and CAST-128 are very widely used symmetric block cipher that provide a good encryption rate and no effective cryptanalysis of them has been found to date. This project is to improve the existing Blowfish and CAST-128 algorithms by modifying their functions.

Solution: As these algorithms has major drawback is the time required to initialize the algorithm with the key. We had modified their functions. This modification will support parallel evaluation of two operations by threads. The parallel evaluation will reduce the time required for two operations to time required for one operation.

Technologies and software used: Java

Location: VIT UNIVERSITY. Completed this mini project as a part of course.

2009

Experienced in organizing skills as **Mozilla campus representative**

Details: Actively participated in all Mozilla Competitions, Meetings and had given seminars on Mozilla and related to open source software's.

Location: VIT UNIVERSITY, Vellore

Summer 2009

Got a Basic knowledge on Ethical hacking.

Details: Actively attended few Ethical hacking seminars in college, Worked on learning Information gathering and Scanning networks.

2008-2009

Project: Web personalization using page ranking.

Project Details: This project is to implement a page ranking algorithm for web personalization which combines usage data and link analysis techniques for ranking and recommending web pages to end user. A novel usage-based personalization Page Rank-style algorithm used for ranking the web pages of a site.

Technologies and softwares used: RDBMS, JSP, HTML, Netbeans 6.0 and Oracle 10G

Location: VIT UNIVERSITY. Completed this mini project as a part of course.

2008

Organized, managed short events and leader teams for a **national event tech fest. (PHREAK'08)**

Details: We have organized Technical National Events. Specially part of Poster presentation. Received Appreciation certificate from the Event.

Summer 2008

Completed **C++ training** from Technosoft solutions, Visakhapatnam.

Details: Learnt C++ in summer holidays and received course completion certificate.

2008

Completed **Windows server 2008 Administration** in VIT University.

Details: Learned Windows server 2008 Installation, managing users and groups, IIS, DNS, Server management, disk management, File systems, Active directory services (Creating sites), Domain security.

Summer 2007 Industrial work in **Visakhapatnam steel plant, Systems department.**

Details: Worked in Systems department as a trainee for 6 weeks. Learned real server management, SCADA Systems, Industrial Technologies as a part of Industrial Experience

EXTRA CURRICULAR ACTIVITIES:

2011 Self Training in **Penetration testing.**

Details: learning on Scanning networks, Information gathering, researching on computer virus. Frequently following latest threats, security loop holes, Defcon and Black hat Conferences.

2010 Self Training in **Ethical hacking & Computer security.**

Details: attended many computer and network security sessions, learned to protect computers, usage of antivirus and its usage's.

2010 Published an E-Journal on "**A comparative study of trust management models in E-business environment**" with my professor N.Ch.S.N.Iyengar, School of computer science and Engineering, VIT UNIVERSITY, Vellore. (www.ijcta.com/documents/volumes/vol1issue1/ijcta2010010109.pdf)

2009 Published "**Crash your computer virus**" mini e-book & printed book at <http://i-proclaimbookstore.com/cryocovi.html>

2009 Website design and maintaining (www.learnsomuch.com).

Details: Exploring latest trend designing's, experiments and some products (in progress)

2009 Participated in HP Innovate, Microsoft Imagine Cup, JavaFX contest (selected).

Details: participated and presented on "**A Rise of Software Education**" in **HP Innovate**

Participated in **Microsoft Imagine Cup** (International competition on new trends)

Selected in Top 100 coders in JavaFX contest in designing and developing Tic-Tac-Toe game and received **Appreciation certificate and T-shirt from Sun Microsystems.**

2009 Attended & Participated in Cryptography & National security conference.

2008 Participated & Attended in IBM Workshop & IBM TGMC Competition.

Details: Attended workshop on IBM tools includes DB2, Web sphere, Rational Rose in VIT UNIVERSITY.

Participated in IBM Great mind challenge and developed "Get your campus" project (related to Education system online and later implemented our ideas at www.letzknow.com)

2008 Attended workshops on Google gadgets, Visual studio 2008, and Windows mobile development.

Details: Attended sessions on Google Gadgets and Visual studio by Google and Microsoft employee's and developed Gadgets (Music slideshow) and learned latest trends in Mobile environment using Microsoft's development toolkits.

2008 Participated & shortlisted in Microsoft student partner.

2007 Websites, Blogs created and maintained (www.sgrabby.co.nr).

Details: Worked on web environment, shared many materials related to Computer and Mobile Technologies written by me.

1995-2004 Won Prizes at school level for various competitions.

REFERENCES: Available upon request.

I hereby declare that the Information given above is true to my knowledge.

(BHEEMARASETTY B SANKAR)