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OBJECTIVE:

To work in your reputed organization which provides me a platform to apply my technical skills, achieved in my lifetime, in an enlightened, dynamic and high paced environment.

EDUCATIONAL STATUS:

Year	Degree/ Certificate	Institute/ School, City	CGPA/ %	Rank
2011(pursuing)	B.Tech., <i>Computer Science and Engineering</i>	Indian Institute of Technology, Kharagpur	8.49/10.0	Top 20%
2007	Class XII: <i>Board of Intermediate Education, Andhra Pradesh</i>	Narayana Junior College,Nellore	97.4%	Top 2%
2005	Class X: <i>Board of Secondary Education, Andhra Pradesh</i>	Ratnam High School,Nellore	91.3%	Top 5%

SUBJECTS UNDERTAKEN/ COMPLETED:

- Algorithms for Bio-informatics
- Compiler Technology
- Computational Number Theory
- Computer Networks
- Cryptography and Security
- Database Management Systems
- Design and Analysis of Algorithms
- Formal Language and Automaton Theory
- Information Retrieval
- Operating systems
- Signals and Networks
- Software Engineering
- Switching Circuits And Logic Design
- Theory Of Computation

COMPUTER SKILLS:

Programming Languages:

C, Java2 (J2SE, J2EE, J2ME).

Assembly Programming Lang.:

MIPS32, xeon86

Web Development:

PHP, JSP

Scripting Languages:

JavaScript

Database Management:

MySQL

Platforms Worked:

Windows, Linux.

IDE for Java:

NetbeansIDE-6.8

Hardware Description Lang.:

Verilog

PROJECTS/LAB WORKS:

- **Search Based Hybrid Structural Software Testing using Genetic Algorithms**, to automatically generate and execute test cases required for White-box testing(7th semester, **B.Tech Project**)
- **Solution Deployment Monitoring Tool**, a GUI displaying the dependency of the solution deployment, status of deployment of a solution on various hosts, corrective actions and expert advices to the deployer in case of warnings/errors. (Summer 2010, **IBM intern project**)
- **Remote Desktop Accessing using Midlets**, a VNC-like application that allows the visualization and control of a remote computer connected to the internet from a mobile device(Summer 2009)
- **Payroll System**, an application used to maintain pay structures of an individual employee working in a company(6th semester)
- **Software Components Cataloguing Software**, an application providing a GUI to the administrator and the user that shows the catalogue of various reusable software components available. (4th semester)
- **Single Objective Geometric Travelling Salesman Problem**, a part of Christofedes' algorithm was improved upon to find approximate solution to SOGTSP. On testing, the results obtained showed that the solution is 1.5 times the optimal solution.(3rd semester)
- **CPU Design**, constructed a32 bit- CISC architecture based CPU with 16 registers each and main memory 256MB(5th semester)
- **Compiler Design**, designed a compiler(LALR parsing) for a given language using FLEX and Bison(5th semester)
- Besides worked on implementation of existing techniques and approaches used in Developing/ Designing **Operating Systems, Computer Networks and Search Engines.**

AREAS OF INTEREST:

- Multiobjective Combinatorial Optimization.
- Traffic Engineering.
- Software Engineering.
- Cryptography and Network Security.

ACHIEVEMENTS:

- Won **6 talent tests** at state and national level within **top 3** positions, I got a **gold medal** too.
- Got **6th rank** in **APRJC-05**, a prestigious entrance examination in AP.
- Stood **5th rank** in **APRMO-07**.
- **99 percentile** in **National Physics Olympiad-07**
- AIR in **IITJEE -07** is **298**.
- In **top twenty list** of the **A.P board's intermediate examination**.
- **VITEEE –20**
- **AIEEE (All India Rank) – 439 (State Rank) – 92**
- **EAMCET– 78**
- Won **4th place** in the **District Chess Tournament** under 16 ,2003-04
- **Best Outgoing Student Award -05** , Ratnam High School

RESPONSIBILITIES:

- Represented Ratnam High School in the state level science exhibition in 2004.
- School Pupil Leader, Ratnam High School, and academic session 2004-05.

EMPLOYMENT:

- Summer internship-2010 at IBM – ISL, Bangalore
- Summer internship-2009 at CosmoSoft Technologies Pvt. Ltd., Chennai.

STRENGTHS:

- Self starter
- Good at solving combinatorial problems.
- Got good PR skills.
- Deliver very good results even while working under pressure.
- A quick learner and a good team member.

EXTRA CURRICULAR ACTIVITIES:

- Member of NH Volleyball Team.
- Member of NH Maths Olympiad Team.
- Member of NH Chess Team.
- Volunteered in programs for training intuitive minds in slums.