Raghavendra Sadineni

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Career Objective

To take up responsibilities in an organization which would harness my skills and provide me good learning experience.

Education

M.Tech in IT, IIIT-Allahabad	**8.82** (CGPA)	2017
B Tech (CSE), RGUKT University	**8.44** (CGPA)	2015
Standard XII, RGUKT University	**8.60** (CGPA)	2011
Standard X, SSC, AP State Board	**94.33** (%)	2009

Projects

2016: An OpenFlow-based SDN-Oriented Stateful Firewalls (Ongoing Thesis)

Technologies requires: *Mininet, POX Controller, Open vSwitch, Python*

The prototype includes an OpenFlow-enabled "dumb" switch and a firewall controller. The firewall keeps track of the state of every connection from one end to other end. The "dumb" switch enforces the control decisions by regulating the traffic flows based on the control actions specified in its flow table by controller.

2016: Admission and Exam cell for IIIT-A

Technologies used: PHP, MySQL, Bootstrap, HTML, CSS

The examination cell and admission cell are two parallel working portals which are synchronized(updated) when offline portal is connected to internet.

The examination cell is an offline portal whereas Admission cell is an online portal. details of work are given below

- Transferring Student details from online servers by using Federated Tables.
- Establishing security features between offline and online servers.
- Creating our own log information for temper proof.
- Firewall is configured to prevent sync flood attack.
- The code is written with keeping security in mind so that intruders cannot perform sql injection attack, session hijacking, xss attack, session fixation.

Key takeaways at Work:

- Self-Motivated
- Time management
- Adaptable and effective learner
- Team Player
- Multi-Tasking
- Self-Improvement

2015: Secret Image Sharing with Steganography and Authentication

Technologies used: Python, OpenCV

A new approach to secret image sharing based on a Shamir (k, n)-threshold scheme with the additional capabilities of steganography and authentication.

A secret image is first processed into n shares which are then hidden in n user-selected camouflage images. The secret image is recovered from k or more authenticated stego-images with the capability of detecting false participant's shares.

2014: Peer to Peer Chat Application

Technologies used: Java

GUI based Client Server Authentication Application having one server that is communicating with multiple clients on predefined port. The conversation is encrypted by using JCE java library.

Technical Skills

Programming Languages	Java, C, C++, Python
Web Technologies	HTML, PHP, CSS
Database Technologies	MySQL
Area of Interests	Computer Networks, Database Management & Network Security

Achievements

- Secured **All India 1339 rank** in **GATE** – 2016 Exam.
- **Certification** from BSNL in **"IP, Networking and Cyber Security"**
- **''Teaching Assistant''** for **C & Data Structures** during Jan 2016 – May 2016
- **''Teaching Assistant''** for **Computer Networks** during July 2016 – Nov 2016
- Specialized *in* ***Information Security***
- Secured **All India percentile 94.4** in NCAT Exam
- ***State 156th rank*** *in* ***CEEP 2009*** *for (State level Examination for Polytechnic)*
- Worked as ***Placement Coordinator*** during placement season 2014-2015 in college RGUKT
- Participated in **DST-INSPIRE Science Camp** sponsored by the Dept. of Science and Technology and organized by Dept. of Physics, JNTUA-CEP.
- Worked as **Web Casting Engineer** in Elections of Andhra Pradesh.

Place: IIIT – Allahabad
Date:

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