AKASH SHARAN

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Profile

Objective: I am a highly motivated individual who is always want to put an extra bit into any work I undertake. My strongest assists I believe are, commitment for work and team work. I am looking forward to pursue a competitive career where I can use my engineering knowledge in the best way and enrich my skills and ability and contribute to the growth of organization.

Education

2013 – Present	**B.Tech(Information Technology)** INDIAN INSITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD	**Percentage/CGPA obtained** 7.80 (Up to 6th semester)
2011 – 2012	**Senior Secondary Examination - Class XII** RANI LAXMI BAI SENIOR SECONDARY SCHOOL ,LUCKNOW CENTRAL BOARD OF SECONDARY EDUCATION	**Percentage/CGPA obtained** 86.5
2009 – 2010	**Higher Secondary Examination - Class X** RANI LAXMI BAI SENIOR SECONDARY SCHOOL ,LUCKNOW CENTRAL BOARD OF SECONDARY EDUCATION	**Percentage/CGPA obtained** 9.2

Projects

- **Capture The Flag Arena – Attack and Defense Game Server**
  Tools/Languages/IDE Used: MYSQL | PHP | Socket Programming in C | Wamp | MYSQL | Zend Studio
  Brief: Designed and Developed Capture the Flag Arena where different team can come up to exploit vulnerabilities. I developed a vulnerable Linux (Ubuntu) images in which vulnerable services were present and some web challenges. Game Server was developed to keep the track of services which are up in various team and flag is submitted to game Server to increase score

- **Adaptive Intrusion Detection System Framework using Bayesian Network(Machine Leaning)**
  Tools/Languages/IDE Used: JAVA | Netbeans | Weka
  Brief: BN is used to build automatic intrusion detection system based norm profile on signature recognition.
  In BN, K2 algorithm is used for machine learning purpose to handle incomplete data. Inference is implemented by Junction Tree. Machine will adapt by updating new learning data.

- **Medical Hub Solution For Rural Areas – Connect the Disconnected India**
  Tools/Languages/IDE Used: Exotel API | Ngrok | PHP | SQL | Wamp | PHP Mailer API | Zend Studio
  Brief: Health care hub will provide Blood banks, Medicines, Ambulances to remote areas of India by
  Internet or phone through NGOs or Hospitals which will sort out by our script and Service provided by Extol.

- **Online Voting System**
  Tools/Languages/IDE Used: PHP | MYSQL | Wamp | SQL Map | PHP Mailer API | AntiXSS API
  Brief: Project was to develop a highly secure and confidential Online voting system for college-level various Elections. Securing against different vulnerabilities. For Eg – SQL injection, code injection, brute-force attack Etc. We also developed E-voting protocol for Based on RSA Public key Cryptography.

- **Patient billing Software**

  Tools/Languages/IDE Used: SQL | Java | JDBC | Net Beans
  Brief: Designed and Developed a java application for store the detail of the patient and their bills.

- **Human Resource Management**

  Tools/Languages/IDE Used: PHP | MYSQL | Wamp | Zend Studio | PHP Mailer API
  Brief: I designed a web application through which applicant can apply for job in a company.

- **Chat Application in C using socket programing.**

Accomplishments

Online Judge	Handle	Achievement
Codeforces	agnu13	Current Rating 1557 (Max – 1557)
Codechef	agnu13	Highest Rating – 3210
SPOJ	agnu13	World Rank 1875 (17.1)

Also used to give various college contest at **hackerrank and hackerearth**.
- I secured **World's 1st rank** in **IIT BHU** Capture The flag **codefest'16** contest.
- **Certificate of Recognition and Excellence by IEEE** in website designing contest and contribution in **IEEE UP section website.**
- My team secured **21st rank in World and 1st rank** in India in **Pragyan International CTF 2016**.
- My team was among the **top 20** team in Final round of **Microsoft Build the Shield CTF 2015** and **Microsoft Build the Shield CTF 2016** Contest.
- My team secured **6 rank** in final round of in **INCTF** organized by **Amrita Vidyapeetham Engineering College, Amitrapuri.**
- **Certificate of Participation in** final Round of **Hackathon** INOUT of NIT Surat.

Skill Set and Interests

SKILLS.

- Programming Languages: C, C++, Socket programing in C,JAVA (basic)
- Operating System
- Database Management
- Object Oriented Methodology
- Web Designing: HTML, CSS, PHP, Web Content Management System.

INTERESTS
- Data Structure and Algorithms
- Web Designing , Vulnerability and Mitigation
- Security
- Networking
- Ethical Hacking,Hackathons,

Platforms: Windows, Linux

Personal Details

- **Date of birth :** 06 OCTOBER 1994
- **Alternate Number:** 9005136243
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