

Akash Das

Computer Science Engineering

"To work in a firm with a professional work driven environment where I can utilize and apply my knowledge." – Akash

Education

- 2014–Present **B.Tech**, *Indian Institute of Information Technology*, Sricity, Chittoor, Agg – 8.22.
Computer Science Engineering
- 2013–2014 **Intermediate**, *Kendriya Vidyalaya No.2 A.F.S*, Jodhpur, Agg–91.60.
Maths, Physics, Chemistry and Biology
- 2011–2012 **Xth Board**, *Kendriya Vidyalaya No. 1*, Faridabad, CGPA – 9.8.
Central Board Of Secondary Education

Experience

- May **Internship at Rekal Software Pvt. Ltd..**
2015-July I have done Internship at IIIT-H in network and server administration. I have done work on
2015 server administration and the things that I learned there were :- Ansible, Cacti, Squid proxy server, Virtualization(openvz), Network Monitoring, e.t.c.
- May 2016 - **Internship at ITS (Tata Steel).**
July 2016 I have done my summer internship in 2016 at ITS(Tata Steel), Jamshedpur. I have worked on SAP(Sales and distribution module) and has worked on configuring sales area, making new window interfaces using ABAP, locking sales order, understanding enterprise structure, e.t.c..
- August 2015 - **Student Network Administrator.**
Present I have been working as the student network administrator for the server management and network security of our college's campus.

PROJECTS

- 2015 **DTMF Controlled Spy Robot.**
In this project I have made a bot using Arduino and it is controlled using DTMF signals that is being sent by a mobile which is used as a remote control. Moreover, on top of that I have also implemented Rf camera module which in turn is used for spying purposes.
- 2015 **Weather App.**
I made an app which can tell the weather of any city by filtering through city name or pin code. I developed that app on android studio and has used an open weather API to retrieve the weather data.

- 2015 **Developing P2P chat communication application.**
I made a linux based command line application for P2P chat communication. I have used socket programming to build that taking in consideration all the security aspects.
- 2016 **Visible light communication.**
I have made a prototype of visible light communication with a transfer data rate of 200 kB/s with serial transfer of data. I have used LED for modulating the light as per the data.
- 2016 **Learning Game For Computing.**
I have made a learning game for computer science students for learning linux commands in a easy way. I have used unity as the platform and c(sharp) as the language.
- 2016 **Real Time Video Sharing.**
In this project I am developing a webapp like youtube in which users can share their videos in real time and can also chat with each others. I am developing this web app in node js with hapijs framework.
- Present **Security Drawbacks analysis of IOT in e-Healthcare system.**
I am currently working on the analysis of the security flaws in IOT in e-Healthcare.

Awards/Certification

- 2017 Selected in Smart India Hackathon
- 2016 Certificate by Tata Steels IT Department(SAP-SD).
- 2015 Certificate by Rekall Software Pvt. Ltd. .
- 2014 Certificate by Kendriya Vidyalaya Sangathan.
- 2014 Certificate by Kendriya Vidyalaya Sangathan for second position in regional cricket sports meet 2014.
- 2012 Certificate by Kendriya Vidyalaya Sangathan for participating in regional badminton sports meet 2012.

Programming Languages/Skills

Programming Languages	C, C++, JAVA, Python, Embedded C, ABAP, Assembly language, Lua
Scripting Languages	Bash, Javascript, C(sharp), Ansible, PHP
Markup Languages	HTML, HTML5, CSS, Bootstrap, UML, TeX, XML
Softwares	Unity, Web2py, hapijs, Android Studio, NMAP, Wireshark, MATLAB, CY8CKIT, Arduino IDE, SUMO, NS-3/2, Express JS, Firewall, Django, Ionic, Databases(Relational and Social)

Personal Skills

- Fast Learner
- Able to handle multiple situations at the same time.
- Easily Adaptable to the working environment.
- Can work in teams very easily.

Languages

Bengali **Mother Tongue**

Hindi **Common mode of language**

English **Professional mode of language**

Fluent

Conversationally fluent

Interests

- Coding
- Cricket
- Badminton
- Enjoying nature
- Hacking
- Football
- Listening Music

Personal Details

DOB 21st of Jan, 1997

Address P-1338/1, Bundela Enclave, Air Force Station, Jodhpur-342011

Languages English, Hindi, Bengali, Oriya

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References

Upon Request