Akash Das

CONTACT

Indian Institute Of Information Technology
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WORK EXPERIENCE

Rekall Software   May 2015 — July 2015

Internship

Worked as an intern at Indian Institute Of Information Technology, Hyderabad in Rekall Software.
Started working as a trainee in network and server administration.

Did work on the following topics:-

- Virtualisation
- Proxy Configuration
- DHCP Server
- Cacti Server
- DNS setup
- Ansible playbook(automation)
- Mail Server Configuration
- Routing Configuration
- Squid Proxy

Indian Institute Of Information Technology, Sricity   Aug 2015 — Present

Network Server Administrator

Worked On the following:-

1. DNS Server Configuration.
2. DHCP Server Configuration.
3. Routing Configuration.
4. Setting up the Network architecture.
5. Cloud server setting up and Intranet Development.
6. Setting up of Squid proxy server.
7. Bandwidth merging/Load balancing.
8. Implemented Virtualization for managing servers.
9. Implemented a cloud based file sharing system for our institute.
10. LDAP configuration and setting up of LDAP.

Indian Institute Of Information Technology, Sricity   Feb 2016 — Mar 2016

Network Programmer

Developed my own protocol to establish connection/chat between client-server, client-client and broadcasting.

Written code in c using multithreading.

Github link:- https://github.com/capt2101akash/SocketProgramming

Indian Institute Of Information Technology, Sricity
Sep 2015 — Nov 2016

Windows App Developer

Developed different simulation algorithms for operating systems.

1. Dining Philosopher
2. Page Replacement

Links are :-
- https://github.com/capt2101akash/OS-Page-Replacement.git
- https://github.com/capt2101akash/dining-philosopher.git

Indian Institute Of Information Technology, Sricity
Feb 2016 — Feb 2016

Website Developer

Part of the web development team for the development of our college's website using php.

Github Link :- https://github.com/IIITS/collegeFest.git
Website Link :- www.abhisarga.in

Indian Institute Of Information Technology, Sricity
Sep 2015 — Dec 2015

Web Developer

I developed a hostel portal for our campus using web2py framework and database as sqlite.

Github Link :- https://github.com/capt2101akash/Hostel_portal_v1.git

Indian Institute Of Information Technology, Sricity
Feb 2015 — Sep 2015

Bot Maker

Made a DTMF controlled Spy Robot using Arduino Microcontroller for military spy purposes and another as RF controlled Spy robot with same functionality of Spying as my Sem 2 and Sem 3 course project.

Indian Institute Of Information Technology, Sricity
Mar 2015 — Present

Website Developer

Working on building our college's main website (iiit.ac.in) basically the front end part.

Github Link :- https://github.com/IIITS/iiits.ac.in.git

Indian Institute Of Information Technology, Sricity
Dec 2015 — Present

App Developer

I am currently now working on development of a weather app that will be used in our campus.
It is currently in the development phase with some aspects working but more aspects are yet to be added most importatntly the UI. I developed it using android studio.

The github link :- https://github.com/capt2101akash/Sunshine.git

Tata Steel   May 2016 — Jul 2016

Internship

I have done my internship on data analytics in sales and distribution(SAP).

I have configured SAP by analysing different data given to us and then also coded a program in ABAP language to make one interface for the user.

I have completed two modules in SAP :-

i) Sales and Distribution
ii) Finance and Costing.

QUALIFICATIONS

I have received the following certificates and accreditions :-

1. Received completion of internship certificate from Rekall Software.
2. Received a certificate for developing our college's fest website.
3. Received a certificate to secure 12th position in 10k marathon.
4. Receiving stipend for being the network system administrator of our college.
5. Received a certificate for securing 2nd position in National KVS Cricket tournament
6. Team Leader for Semester Projects for 3 times.
7. College cricket team captain.
8. Captain of House team for the Counter Strike Competition and secured second position.

EDUCATION

B.Tech(CSE)   Aug 2015 — May 2018

Indian Institute Of Information Technology, Sricity, Chittoor

Studying CSE in Fifth Semester. Took the following subjects in the previous three and at present Semester:-

- C Programming
- Digital Logic and Design
- Electrical Sciences
- IT Workshop 1
- Communications Skills-1
- Data Structures
- Computer Organisation
- Basic Electronics Circuits
- IT Workshop 2
- Maths-2
- Communication Skills-2
- Algorithms
- Operating Systems
- IT Workshop 3
- Digital Signal analysis and application
- Communication Skills-3
- Science -1
- Computer Architecture

- Artificial Intelligence and Machine Learning
- Computer Networks
- Fundamentals of Communication
- Economics
- Communication Skills-4
- Maths-3
- Database Management Systems
- Theory of Computation
- Principles of information security
- Embedded Intelligent Systems
- Software Engineering
- Honors (Routing Protocol in V2V communication)
- Communication-Skills -5

Total CGPA - 7.9

Additional Courses Done:-
- **Introduction To Python by MIT on edx.**
- **Programming with scratch by Harvey Muddx on edx.**
- **Introduction to Game Development by Michigan State University on coursera.**
- **Programming with Java (Object Oriented Programming) by Hong Kong University Of Science and Technology.**
- **CyberSecurity , Surveillance and security by AdelaideX.**
- **Managing Windows server and Directory Domain Services by Microsoft.**

INTERESTS

My Interests are in the following topics in order :-

1. Networking and Server Administration
2. Socket Programming
3. Hacking
4. Game development
5. UI/UX Testing.
6. Web/App Development
7. Research on Networking
8. Competitive Coding
9. Bug Testing in Softwares

REFERENCES

- **Prof. Dr. Hrishikesh Venkataraman :- Associate Professor (Indian Institute Of Information Technology,Sricity)**
- **Mr. Sourabh Barjatiya :- Network/Tech Support Administration (International Institute Of Information Technology, Hyderabad) , Startup - RekallSoftware pvt. ltd. (Website :- sbarjatya.com)**
- **Prof. Dr. Uma Garimella :- Professor (Indian Institute Of Information Technology, Sricity)**
- **E. Krishna Mohan :- Visiting Professor (Computer Networks)**