

SAHANA.S

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Location: Mysore, Karnataka

Summary

An **Engineering** Graduate (pursuing Post Graduation in Networking and Internet Engineering) in **Electronics and Communication** with exceptional strengths in handling critical problem solving activities. Can easily adapt to change and possesses eagerness towards learning and contributing to the organization.

Quick to grasp new ideas, concepts and develop innovative/creative solutions to problems. Possess excellent presentation skills and a strong ability to quickly establish rapport with people from diverse backgrounds.

Completed projects in areas of Water level indicator and Automatic Street light, Chebyshev HPF, Distance regularized level set function & Hearing aid battery charger cum tester

Attended workshops in Robotics and Applications, Raspberry Pi, Digital Electronics, Digital Switching Systems, Digital Transmission Systems, Wireless communications, Soldering, PCB Design, Microcontroller Applications & Internet of Things.

Proficient in software programming in C, Verilog, VHDL, C++ ,Java, Shell Scripting(basics)

Areas of Interest include: software testing, scripting.

EDUCATIONAL QUALIFICATIONS

COURSE NAME	INSTITUTION	BOARD	PERCENTAGE/AGGREGATE	YEAR OF PASSING
Mtech (Networking and Internet Engineering)	JSS Science And Technology University	JSS Science And Technology University	8.53	2018-2020
BE (Electronics and Communication)	GSSS Institute of Engineering and Technology for Women, Mysore	Visvesvaraya Technological University Belgaum	68.78	2014-2018
PUC	Shree cauvery educational institution, Mysuru	STATE	86.5	2013-2014
SSLC	Demonstration School, Mysuru	CBSE	9.2CGPA	2011-2012

SOFTWARE PROFICIENCY:

C free	Learnt how to design simple programs in c and c++,and execute it.
Netbeans	Learnt how to design program in an universal platform and execute it.
Keil	Learnt how to program a microcontroller 8051
Xilinx	Learnt two new programming language (VHdl and Verilog)
Matlab	Learnt how to process a signal using this software tool
Visual studio	Learnt how to create application and publish it to cloud.

INTERNSHIP

During my internship I have had an experience of working in the CXX Framework which mainly constitutes of the unit testing on the NGOLH and DBL component. Also I have done scripting for BCMT Installation for the openstack platform.

WORKSHOPS

Sl.no	Workshop attended
1	On Robotics and Applications/IETE
2	On Raspberry Pi and Applications/IETE
3	Digital Electronics/Gill Instruments
4	Digital Switching System/BSNL
5	Digital Transmission System/BSNL
6	IP Networking/BSNL
7	Wireless Communication/BSNL
8	Soldering and PCB Design/GSSSIETW
9	MSP 430/GSSSIETW
10	On Internet of Things/GSSSIETW

INDUSTRIAL VISITS

Company	Description
Vinyas Electronics	The company mainly deals with the manufacturing of printed circuit boards(PCB)
DFRL Mysuru	The visit deals with different researchers made for the betterment of the military system.
MCF Hassan	They are the institution who control the satellites after there launch we mainly learnt about how they capture the signals of the satellites using different antenna structures.
BSNL Mysuru	The institution deals with the different communication technique and how the evolution of different techniques communication
NAL Bengaluru	The visit mainly enlightened us on more different types of aircrafts used by the defence and also for domestic purpose.

PROJECTS

Sl.no	Project Title	Description
1	Water level indicator	This project mainly dealt with how we design a water level indicator using simple components
2	Automatic street light	The project mainly dealt with the components that are less expensive and alternate solution to some of the expensive sensors
3	High pass chebyshev filter using C++	The project mainly dealt with the designing the filter using the programming language.
4	Image Segmentation using DRLSE	This is one of the techniques used for segmenting the image using the technique DRLSE.
5	Hearing Aid battery charger cum tester	This project deals with the design a charger for the hearing aid battery at a low cost.
6	Overload handling of registers for congestion avoidance.	This project deals with the how best we can avoid the congestion when we connect multiple systems to the server.

AWARDS AND RECOGNITIONS

- Runner up in skit
- Best paper presentation in Project Symposium
- Published paper in IJERT journal

PERSONAL PROFILE

Name : Sahana S

Father's Name : Shanmuga Sundaram K

Mother's Name : Harini N

Nationality : Indian

Date Of Birth : 25th march 1997

Hobbies :Dancing ,Singing, Playing Badminton

Languages Known: English, Hindi, Kannada, Tamil

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bengaluru

Date: 01/05/2020

(SAHANA.S)