

SANAH HASSAN

ELECTRONICS AND COMMUNICATION ENGINEER



OBJECTIVE

A highly organized and hard-working individual looking for a responsible position to gain practical experience in a reputable organization to expand my learnings, knowledge, and skills. Able to work independently under minimal supervision, and offers consistent results even in challenging environments.

CONTACT

- ☎ +918892218750
- ✉ sanahhassan.sanah99@gmail.com
- 📍 Opp new CMC,JN Road,
Dandeli, 581325

TECHNICAL SKILLS

- C / C++
- Matlab
- Arm assembly programming
- Verilog programming
- MS Office

TOOLS

- Eagle PCB Designing

- IBM APIC

- Xilinx ISE

- Soap UI

- ServiceNow

- Code Blocks

ACADEMIC QUALIFICATION

- **B.E.**
Electronics and communication engineering
KLS Gogte Institute Of Technology, Belgaum. Visvesvaraya
Technological University
CGPA - 8.5 / 10.00
2021
- **XII**
Des's Bangurnagar Composite Pre university College, Dandeli
Percentage - 76 %
2017
- **X**
St. Micheal'sConvent school, State Board, Dandeli
Percentage - 93%
2015

TRAINING AND CERTIFICATION

Advanced Training in Biomedicall Application at Harvey Biomedical,
Bangalore from 29th March 2023 to 17th May 2023

PRODUCT EXPERTISE :

- Patient Monitor (COMEN - STAR 8000E
- ECG (Nihon Kohden - Cardiofax m)
- Urine Analyzer (DIRUI H -100)
- Syringe Pump (Smiths Medical - Graseby 2100)
- Fetal Monitor (COMEN - Star 5000E)
- Defibrillator (Nihon Kohden - Cardiolife)
- Infusion Pump (AKAS - Infumax)
- Oxygen Concentrator (Respironics - Everflo)
- Semi Automated Bio Chemistry Analyzer (Trivitron Healthcare - Labmate)

LANGUAGES

- English
- Hindi
- Kannada
- Urdu
- Marathi
- Konkani

PERSONALITY TRAITS

- A quick learner with 'can do' attitude and thirst for knowledge
- Collaborative
- Highly Organized
- Delivering Positive Customer Engagement
- Analytical Bent of Mind
- Attention to detail
- Self Discipline

HOBBIES

- Photography
- Travelling
- Image Editing
- Sports
- Yoga

WORKSHOP

Participated in FOSSCON workshop of Machine Learning and Data Visualization for 4 days in KLS Gogte Institute of Technology, Belgaum in 2019

EXPERIENCE

Analyst / Software Engineer

Capgemini Technology Services India Limited

Aug 2021-Present

- Working in the API Management middleware section aided the client experience.
- Hands-on expertise with IBM APIC tool analytics for assessing client API technical performance.
- Resolving high priority customer's technical problems brought in via ServiceNow tickets with expediency and professionalism and obtaining essential paperwork and data to aid in root cause investigation and problem resolution.
- Engaged in development discussions with clients to create/improve internal process and systems.
- Working knowledge of the Alertsight Smartbear tool.
- Received Bronze Badge of honour in recognition of excellent performance and contribution

PROJECTS

• Obstacle Avoiding Robotic Car using Arduino Software

Strength of Team : 4

Description: Worked on Obstacle avoiding Robotic Car using Arduino software built hardware model, which is used in areas where human intervention is not possible.

Status : Completed

• Smart Vehicle Parking System using C

Strength of Team: 4

Description: This project is about enhancing productivity and service levels in operations. Some of the underlying benefits could be reducing operating costs, while building value for customer to drive occupancy, revenues and facility value.

Status : Completed

• Clap Triggered Switch using LM741

Strength of Team: 4

Description: It is hardware based sound controlling module which makes use of 741 op-amp. The main component of this circuit is electronic condenser microphone used as sound sensor which converts sound energy into electrical energy.

Status : Completed

• Designing Circuits using Cadence Red Hat Software

• Counting Zeros and Ones using LPC2148 Development Board with Arm Assembly Programming Language

Strength of Team : 3

Description: This project is helpful in encrypting the data in form of zeros and ones, also used in analyzing the data in MIR scanning.

Status : Completed

ACHIEVEMENTS

- Cambridge English Entry Level Certificate in ESOL International; awarded with B1 level.
- Bagged second prize in Treasure Hunt event conducted by college in 2019.
- Participated in Annual General Meeting from IEEE held in Ramaiah Institute of Technology, Bangalore in 2019
- Volunteered in annual college events
- Participated in event Panchajanya held by IEEE in 2019
- Secured first prize as the Leader of Science Club at school in 2015
- Awarded for securing 92.8 % in SSLC from DES's Memorial Trust, Haliyal ,Karnataka.
- Received Bronze Badge of honour in recognition of excellent performance and contribution by Capgemini

PERSONAL DETAILS

Father's Name : Salim Hassan
Location : Bangalore
Permanent Address: Opp new CMC, JN. Road, Dandeli 581325

INTERNSHIPS

Online Internship on PCB Designing HexnBit

1 Ju 1' 20 - 1 Aug'2 0

- Worked on Eagle software ; built PCB design for various electronic components as well as circuits starting with symbol design, schematic, footprint and 3D packages
- Generated of BOM and CAM processor for various circuits for manufacturing Industries and others

Machine Learning and Artificial Intelligence Innovians Technology, Bangalore

Jul'1 9 - 31 Aug '1 9

- Coding on image and video processing usingOpenCV and ML algorithms using tensor flow, scikit-learn, matplotlib, Numpy and pandas
- Exploring the new domains of the technology and then implementing on whole learnt the different aspects of coding
- Worked on Face recognition, object recognition, color detection software projects using Python programming language OpenCV software
- This helped to build a project on Navy security using object detection to detect any missile or miscellaneous activities attacking them with different color constraints

CERTIFICATES

- Certified in Product Management
https://olympus1.mygreatlearning.com/course_certificate/CZIAPBBX
- AI for Everyone
<https://www.coursera.org/account/accomplishments/certificate/SHKKE46G4UGK>
- NPTEL Certification on Introduction to Internet of Thing s by MHRD Govt. of India
- Protecting Business Innovations via Patent by The Hong Kong University of Science and Technology from Coursera
<https://www.coursera.org/account/accomplishments/certificate/399TWQVEAFHS>
- Certification in Arduino EmbeddedC with Electronics/ Schematics/ PCB from Udemy in June 2020
- Technical Support Fundamentals from Coursera
<https://www.coursera.org/account/accomplishments/certificate/TJUX45ZNY7G7>

DECLARATION :

All the above details mentioned by are true and correct to the best of my knowledge.

Place : Bangalore
Date :

Signature: