



HEMANTH NAIK H R

ENGINEER

To work for an organisation that provides me the opportunity to improve my skills and knowledge along with organisation objectives.

EXPERTISE

- Python
- Programming with C
- SQL
- C++
- Git

PROJECTS

Smart Home Automation

A project in which a few lights and motors were controlled with help of bluetooth via Mobile application and Arduino.

Role: Hardware integration and Software code implementation

Learning: Working of Arduino & Bluetooth module

RFID based attendance monitoring system

Attendance monitoring using RFID cards and RFID reader.

Role: Algorithm design & implementation

Learning: Working of RFID module(transmitter/reciever)

Secure Access System

A password based door lock system.

Role: Hardware Integration & Design

Learning: Importance of compact hardware design

Bionic Eye for blind

A project designed to help blind people to navigate indoors.

Role: Implementation & Integration of different functionalities of software

Learning: The difficulties faced by blind people. Hands on experience on Raspberry Pi and openCV

EDUCATION

Siddaganga Institute of Technology, Tumakuru

B.E (Electronics & Communication Engineering) 2017-2021
8.62 (CGPA)

Vidyaniketan PU College, Tumakuru

PUC 2017
91.67%

Vasavi High School, Tumakuru

SSLC 2015
89.60%

CERTIFICATION

Python

HackerRank | Python (Basic)

C

HackerRank | C (Basic)

HackerRank | C (Intermediate)

EXPERIENCE

Sep 2021 - Present

Mercedes Benz Research & Development India | Bengaluru

Engineer

Provided defect free software during every software delivery.

Developed ideas to reduce the workload & to increase the overall productivity.

Brought in automation to reduce the manual efforts for Software implementation by almost 25%.

Got promoted as Engineer within 8 months after joining as a GET.

Gained attributes/knowledge:

Teamwork

Importance of planning

Automation using python

Software delivery using Embedded C

Working with python modules such as pandas, xlrd

Jun 2021 - Aug 2021

L&T Technology services | Mysuru

Intern

Internship at L&T technology services.

Gained attributes/knowledge:

C++ with OOPS basics

Python basics

Implementation of Python in project - RCL and

PyCalc(Mathematical calculator)

Mar 2021 - Jun 2021

L&T Technology services | Mysuru

Trainee

Was part of training programme for 3 months at L&T technology services.

Gained attributes/knowledge:

Teamwork

Implementation of C in a project - RCL(Resistance, Capacitance & Inductance calculator for RCL combinational circuit)

AWARDS

2021

Bronze Award | Mercedes Benz Research & Development India

I was honoured with Bronze award as a recognition for handling Error State manager and providing on-time bug free deliveries.

INTEREST



Music



Books



Travel

CONTACT

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SOCIALS



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