MOHANK NAYAK

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OBJECTIVE

I am seeking employment with a company in a competitive and challenging environment where I can use my talents, skills, experience and education to help the company meet and surpass its goals, while I experience advancement opportunities.

Course: **B.E in Electronics and Communication.**

ACADEMIC QUALIFICATION

Year	Course	Institution	Board/ University	Percentage/ CGPA
2021	B.E (ECE)	Maharaja Institute of Technology Mysore, Mandya.	VTU	6CGPA
2016	PU	Navikis PU Acadamy, Mysore.	State	60%
2014	10th	Marimallappa High school, Mysore.	State	77%

TECHNICAL SKILLS

- Programming language: **C, C++, C#,.**
- Basics of **Computer networks.**
- All electronic gadget hardware and software design and repair.
- Knowledge of **Assembly level coding, VLSI** design**, MATLAB**.
- **MS word, PowerPoint, Excel.**

INTERNSHIP

South Western Railways, Mysore Region.

- Worked as an intern for Digital switching system, Wireless Communication, Optical fibres and Telecommunication department etc.

- RINL Vishakhapatnam Steel plant – Worker as Technical Trainee in department of Electro Technique Lab and CCM1 and Intern.

PROJECTS DONE

Bluetooth home automation using HC-05 BT module (Academic)

- The project was initiated in the semester 3 of BE, where I used an ARDUINO UNO to form up a home automation product using an android application available in the google play store providing an IDE bridge between the arduino and the android.
- This project was useful in automating my study room successfully which controls the lights and fan.

CNC drawing machine using E-WASTE (Academic)

- Project was carried out during the 4th semester, I thought of inculcating the thrown away ELECTRONIC WASTE components into one good appropriate product called the CNC drawing machine. I had used the ARDUINO as the controller and the g-code converter for the image conversion and the inkscape software for the generation of code.
- This new innovative drew the attention of many professors and was awarded the best amongst the 30 different projects.

Temperature based speed controllable fan (Non-Academic)

- This was my first experience exposing myself in reading an analog data from the nature, I could read the temperature using a transistor LM 35 and as soon as the temperature is increased above the threshold the fan speed will also be increased.

Simulation of Electric vehicle in V2G Network using MATLAB

Design and optimization of Hybrid Electric Vehicle in Vehicle to Grid Network. Matlab Machine learning

Tool. And to meet the electricity at peak time of requirement.

CERTIFICATIONS AND WORKSHOPS

- I have been certified by "**GOOGLE ANALITICS**" course conducted by google virtualy.
- I have been certified for being a part of boot camp training program for **'Management and entrepreneurship'** in association with **NUMA** (an accelerator) by the **Silicon road** (a corporate office).
- I have been certified as the mini project **WINNER** for 'The **CNC** drawing machine' project held by **ECE** department **MIT Mysore.**
- I have been certified for a being a part of the event '**INNOVATA**' conducted by the **ISE** department **MIT Mysore.**
- I have been certified for being a part of a state level workshop event '**TECHNORION**' on '**Embedded systems'** conducted by **MSRIT** Bangalore.

- I have been certified for a being a part of the event '**PHEONIX 1.0'** conducted by the **CSE** department **MIT Mysore.**

- I have been certified for being a part of a workshop on **'Android application development'** by the event **'tEChnovation'** of **ECE** department, **MIT Mysore.**
- I have been certified for being a part of the "**MICROSOFT VIRTUAL INTERNSHIP**" **BUSINESS DEVELOPMENT SKILL AND WORK READY SKILLS.**
- I have been certified has **"Best Photographer"** Emitter utsava "**And inter collage feast".**

KEY STRENGTH

- Interpersonal skills & team leading capabilities.
- Event management and organizations.
- Managerial skills.

EVENTS ORGANISED AND COORDINATED

- Organized the department fest '**Emitters Utsav'** for 2 successive years.
- Organized and coordinated the **Mobile making and IOT workshop**.
- Organized and coordinated '**Project Expo'** at MIT Mysore.
- Organized the '**TEChnovation'** event from the technical club of ECE department MIT Mysore.

AREAS OF INTEREST

- Any

PERSONAL PROFILE

Date of Birth	:	10th of December 1998
Father Name	:	Kumar K
Mother Name	:	Manjula
Permanent address	:	No 346/1A, Damodar Layout, Allanahalli, Myuru-570028
Gender & Marital Status	:	Male, Single.
Nationality	:	Indian.
Languages	:	Kannada, English, Hindi.
Hobbies	:	**Cricket**, Basketball, **Electronic service**, Volleyball, **PHOTOGRAPHER,** Cyclist, **Traveling**.

Date:14/06/2021

(MOHANK NAYAK)