SAGAR E

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CAREER OBJECTIVE

To work in an organization which helps me recognize my true potential to achieve my life goals by learning and evolving my skill set and to render services towards the development and protection of the organization and the society.

EDUCATION QUALIFICATION

Course	Institution	Marks Obtained	Passed Out Year
Bachelor Of Electrical and Electronics Engineering	CMR Institute Of Technology, Bangalore	7.5 CGPA (Till 5th Sem.)	2022 (Pursuing)
12th PUC	Don Bosco, Chitradurga	88%	2018
10th SSLC	SMVVM, Chitradurga	88%	2016

TECHNICAL SKILLS

Languages: Basics in C/C++, Python, HTML, Java Beginner
Software: Arduino, Solid Edge, Adobe Photoshop, Kiel, AutoCAD

PROJECTS

- **Project 1**
  Title: **Encryption and Decryption**
  Description: Image encryption and decryption using blowfish algorithm
  Description: To take a image as an input and to encrypt it to improve its security and then decrypt it at the receivers end.
  Tools used: Blowfish algorithm in Java
  Learning Outcome: We successfully implemented the blowfish algorithm for the encryption and decryption process.

- **Project 2**
  Title: **Generation of music using Tesla coil**
  Description: The presence of spark gap in the tesla coil is used to generate music which corresponds to the frequency and wavelength of the spark generated
  Tools used: Tesla Coil, Frequency Detector circuit and Music system
  Learning Outcome: Use of Tesla coil for purpose of entertainment process.

CO-CURRICULAR ACTIVITIES & EXTRA-CURRICULAR ACTIVITIES

Co- Curricular Activities:
- **Seminar:** Gave a live seminar on YouTube on the topic SDG 7
- **Paper Presentation**: On the topic "Smart mirror using Raspberry PI"
- **Online Courses**: Basics of Google Cloud (Coursera), Introduction to AI (IBM) (Coursera), Programming in Java (Udemy), SQL (Coursera), Python (Udemy)

Extra – Curricular Activities:
- Participated in a Rotaract event in which we conducted a WINS program, where we installed wall mounted sanitizer dispenser's in many government schools and provided them a carton of sanitizers.
- Was a part of CMCA in school where we provided around Rs10, 000 fund and 50 food items to most of the needy villagers and orphans.
- Participated in FEE crossword event and Cultural activities

PERSONAL DETAILS

Date of Birth	: 15/09/2000
Gender	: Male
Nationality	: Indian
Marital Status	: Single
Languages Known	: Kannada, English, Telugu
Hobbies	: Cricketer

REFERENCE

- Name: Dr. K Chitra
  Designation: Professor & Head of Department, Dept. of Electrical and Electronics
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- Name: Dr. Hemachandra Gudimindla
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