NAGULA SREE KRISHNA KOUSHIK
GUSTO Tranquil Co-Live Pg, AECS Layout,
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CAREER OBJECTIVE

Passionate about Electronics and Communication Engineering, seeking a dynamic role to innovate with VLSI, Python and cutting-edge tools like Keil, Cadence Virtuoso and MATLAB. Eager to contribute to Impactful projects and enhance technical prowess in a fast-paced environment. I am very much interested to get job in core companies.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Electronics and Communication Engineering**
  CMRIT, AECS Layout, Bengaluru, Karnataka
  9.11,2026 (Pursuing)
- **Pre - University Course - Science**
  Narayana Junior College, Vijayawada, Andhra Pradesh
  96%, 2022
- **10th (SSC)**
  Narayana School, Vijayawada, Andhra Pradesh
  99%, 2020

TECHNICAL SKILLS

- **Languages:** Python, Embedded C, Verilog, Assembly Language Programming (ALP)
- **Software:** Arduino IDE, Keil-uVision, MATLAB, Cadence Virtuoso, Solid Edge.

PROJECTS

- **Title:** Detection Of Fire Using Flame Sensor
  Description: The primary objective of this project is to design and implement a fire detection system using a flame sensor to detect the presence of flames. The system provides an early warning alert through a buzzer or alarm, enabling timely action to prevent fire-related hazards. By identifying fire or abnormal heat levels in their early stages, this system helps minimize potential damage and enhances safety in both residential and industrial environments. This cost-effective and easy-to-deploy solution ensures rapid response in critical fire situations.
  Tech Stack: Flame Sensor, Relay, Buzzer/Alarm, Power Supply, DC motors, Water pump.
- **Title:** Line Following Robot with Cleaning System
  Description: Developed an autonomous robot capable of following a pre-defined path using Infrared Sensors and performing floor-cleaning operations simultaneously. Integrated IR sensors and a microcontroller for accurate path tracking. The system ensures efficient navigation and cleaning without human intervention, making it ideal for smart home or industrial applications.
  Tech Stack: Arduino UNO, IR Sensors, Wheels, DC Gear Motors.
- **Title:** Fitness Monitoring System
  Description: A fitness monitoring system is a project designed to track and analyse a user's physical activity, health metrics, and progress towards fitness goals. The goal is to empower users to understand their fitness levels, identify areas for improvement, and achieve their desired health outcomes.
  Tech Stack: Java Swing, Java Development Kit (JDK).

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- **Hackathons:** Developed "Mental Wizards," a mental wellness support app, during a Social Hackathon at CMRIT.
- **Online Courses & Certifications:**
  - Completed a course on topic “Programming beginner to advanced” from Udemy.
  - Completed a course on topic “Verilog HDL Fundamentals of Digital Design and Verification” from Udemy.
- **Sports:**

- Participated in Sparda'23 a state level sports meet organised by CMRIT.
- Participated in sports meet like playing kabaddi and tug-of-war.
- Active Kabaddi player.

- **Seminars:**
  - Attended a National Level development Program on "Intellectual Property Rights and Filing Procedures" Workshop.

PERSONAL DETAILS

Date of Birth	: 22/10/2004
Gender	: Male
Nationality	: Indian
Permanent Address	: 39/376, A-crossroad, Vivekananda Nagar, Kadapa, Andhra Pradesh-516001
Linguistic Competency	: Kannada, Telugu, English
Hobbies	: Playing Cricket, Watching Movies, Meditation