

# J K KEERTHI

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## CAREER OBJECTIVE

I would like to gain knowledge and experience on working with different projects and I wish to upgrade my skills by contributing for the company success which makes me to learn new things.

## EDUCATION

<b>B.E in electronics and communication engineering</b>	<b>2021-2025</b>
<i>Ballari Institute of Technology and Management, Ballari, India</i>	<i>CGPA:6.92</i>

<b>Pre- University/College</b>	<b>2019-2021</b>
Sri chaitanya girls PU collage,Ballari, India	74.5%

<b>High School</b>	<b>2019</b>
Wisdom land School,Ballari, India	78.88%

## TECHNICAL SKILLS

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Python

Microcontroller programming

VLSI Design

## ACADEMIC PROJECTS

### Employee Feedback System

Developed an project on **Employee Feedback System**, designed to collect, manage, and analyze employee feedback efficiently. The system enables employees to submit feedback anonymously or with identification, and management can review and address concerns effectively. Implemented features such as user authentication, feedback categorization, and response tracking to enhance workplace communication and improve organizational decision-making.

### Voice-Controlled Smart Home for Visually Impaired (Mini Project)

Developed a smart home system enabling visually impaired individuals to control appliances using **voice commands**. Integrated **IoT, speech recognition, and microcontrollers (ESP8266)** for seamless automation and accessibility. Enhanced independence by enabling hands-free operation of lights, fans, and other devices.

### IOT integrated Safety Helmet (Major Project)

Developed an IoT-based smart safety helmet designed for real-time health monitoring, GPS tracking, and emergency alerts to enhance worker safety in hazardous environments like construction, mining, and emergency services. Integrated cloud-based data storage (Firebase RTDB) and a mobile app (MIT App Inventor) for remote monitoring and instant notifications. The system ensures faster emergency response, reduced workplace risks, and improved safety compliance.

## Declaration

I sincerely declare that the information mentioned above is true and I take responsibility for any deviation from the above mentioned facts in the future.

J K KEERTHI

