

RAHUL

student

Bengaluru, India
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PROFESSIONAL SUMMARY

Motivated and detail-oriented Electronics and Communication Engineering undergraduate at JSSATE B, with a foundation in programming languages including C, C++, and Python. Proficient in Data Structures and Algorithms, with hands-on experience in core domains such as VLSI, Embedded Systems, and the Internet of Things (IoT). Adept at problem-solving, system design, and interdisciplinary project development, with a keen interest in applying technical skills to innovative and impactful solutions.

PROJECTS

Image Denoising Using Wiener Filter

Developed a digital image processing application to remove noise from images using the Wiener filter algorithm. Implemented in a simulated environment to enhance image clarity and signal-to-noise ratio. Gained hands-on experience with signal processing concepts, noise models, and MATLAB/Python-based filtering techniques.

Weather App Using Python

Created a dynamic weather forecasting application using Python. Integrated real-time weather data via APIs to display temperature, humidity, and forecast details for user-specified locations. Utilized libraries such as Tkinter for GUI development and requests for API handling, enhancing both frontend and backend coding skills.

Education

Bachelor of engineering

College: JSS Academy of Technical Education

Location: Bengaluru, India

Field of study: Electronics and communications & Engineering

Graduation date(or expected graduation date): 2026

CGPA(current): 7.25

SKILLS

ProgrammimgLanguages: C,C++(Datastructure and Algorithms),Python

Hardware: Aurdino,Ultrasonic Sensors,DC Motors

Others: Real-Time Monitoring,Circuit Design,Sensor Integration

PERSONAL DETAILS

- Languages:

English [Professional] **Kannada** [Conversational] **Hindi** [Conversational]

- Hobbies:

Reading Novels Volunteering Cricket Yoga Farming Investing