

## JEEDIGI CHAITANYA VARDHAN

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### EDUCATION

#### **Bachelor of Technology in Electronics and Communication Engineering (3rd)**

Sri Ramaswamy Memorial Institute of Science and Technology (SRM), Ramapuram, Chennai, Tamil Nadu |

Expected 2027

CGPA: 9/10

#### **Senior Secondary (Class 12) Percentage: 83%**

Sri Chaitanya PU College, Bellary, Karnataka | 2023

#### **Secondary Education (Class 10) Percentage: 83%**

Sandur Residential School (ICSE), Sandur, Karnataka | 2021

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### TECHNICAL SKILLS

- **Data Analysis & Visualization Tools:** Tableau, Power BI
  - **Programming:** Python, SQL, C, C++, Verilog HDL, HTML and CSS
  - **Data Engineering & Cloud Platforms:** SQL Server, AWS, Mongo DB, Django,
  - **Software Tools:** MS Office (Excel, PowerPoint, Word), MATLAB, Premiere Pro
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### ACADEMIC PROJECTS

- **AI Assistant for PC:** Developed a Python-based AI assistant integrated with API tools to enable seamless and efficient interaction with PCs and laptops.
  - **BluChat (Android):** Bluetooth chat application using Kotlin and Android Studio, enabling seamless peer-to-peer offline communication between nearby devices.
  - **Smart Compact Device for Environmental Hazard Detection:** Engineered a portable IoT-based device equipped with multiple sensors to detect hazardous gases, temperature, humidity, and air quality in real time, providing instant alerts to prevent environmental and health risks.
  - **Smart Irrigation System (IoT):** Designed an automated irrigation system using IoT sensors to monitor soil moisture and environmental conditions, optimizing water usage and ensuring efficient crop management.
  - **Real-Time Weather Monitoring System:** Implemented an AI-powered weather monitoring system using Python and Arduino to provide accurate real-time weather information.
  - **PC Control Using Hand Gestures:** Designed a touchless interaction system for PCs using Python, enabling users to control their devices through hand gestures.
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