KHUSHI SONI

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SKILLS

- **Programming: Python, C**
- **Arduino Uno, Embedded C Programming**
- **Version Control: Git GitHub, Visual Studio, Arduino IDE**
- **Development: HTML5, CSS, JavaScript, Object Oriented Programming**
- **Operating System: Windows**
- **Database: SQL,AWS**
- **Tool : KiCad for PCB Design**

WORK EXPERIENCE

- **Intern |IIT ROORKEE**   **(15 March 2024 – 15 June 2024)**
  Worked on developing a web-enabled experiment for the Electronics Measurement and Instrumentation Lab. Gained hands-on experience in web technologies and virtual lab implementation under the guidance of faculty from IIT Roorkee.

EDUCATION

- **Sagar Institute of Science & Technology (SISTec) Bhopal, M.P**
  B-Tech (ECE), 2022-2026   **7.2 CGPA**
- **Sarojini Naidu Girls H.S. School, Bhopal**
  Class XII, M.P. Board, 2021-2022   **69.8 %**
- **Pragya H.S. School, Bhopal**
  Class X, M.P. Board, 2019-2020   **76.8 %**

CERTIFICATIONS

- Python Essential 1,2 - Cisco Networking Academy
- CCNA: Introduction to Networks   - Cisco Networking Academy
- CCNA: Switching, Routing, and Wireless Essentials - Cisco Networking Academy
- CCNA: Enterprise Networking, Security, and Automation - Cisco Networking Academy

PROJECTS

- **ParkSmart (Smart Parking System) | IoT Based & App Development**
  Project Details: Developed an IoT-based parking system using ESP32, IR sensors, TFT display, and Firebase for real-time slot monitoring, automated gate control, and mobile app-based booking.
- **FRIDAY: The Desktop AI Assistant | Software**
  Project details: Implementing a Desktop A.I Assistant using Python and Python libraries which can control all the internal functions of OS just by giving voice command .
- **NOVA: The offline voice AI Assistant| Hardware**
  Project Details: Nova is an offline voice AI assistant that controls appliances locally, ensuring privacy, fast response, and energy efficiency without internet reliance.

ACHIEVEMENTS

- Semi-finalist, **India Inventor Challenge G20**
- Semi-Finalist In **Kriyeta 3.0** *48 Hr. Hackathon* Held at Acropolis Institute Of Technology, Indore M.P.
- **Second Runner-up** in State-Level *Idea Presentation Competition* at Sagar Business School

EXTRA-CURRICULAR ACTIVITY

- Anchoring in national level competition *Sagar Sahitya.*
- *Editorial commetee member* in Electropulse club.