**📄 Sample Resume – B.Tech in Electronics (Fresher)**

**Your Name**  
📞 +91-XXXXXXXXXX | ✉️ youremail@gmail.com  
🌐 [LinkedIn](https://linkedin.com/in/yourprofile) | [GitHub (if relevant)](https://github.com/yourusername) | City, State

**🎓 Education**

**Bachelor of Technology (B.Tech) in Electronics & Communication Engineering**  
XYZ Institute of Technology, City — *2021–2025*  
**CGPA**: 8.2 / 10  
**Relevant Subjects**: Digital Electronics, Microprocessors, VLSI Design, Embedded Systems, Analog Circuits

**💼 Internship Experience**

**Intern – Embedded Systems**  
ABC Electronics Pvt. Ltd., Bengaluru — *Jan 2024 – Mar 2024*

* Designed and tested an **I2C-based temperature monitoring system** using STM32 microcontroller.
* Used **Keil uVision** and **Proteus** for simulation and firmware development.
* Integrated sensor data with serial output via UART for debugging.

**💡 Academic Projects**

**1. Line Follower Robot (Arduino + IR Sensors)**

* Built an autonomous robot using IR sensors and an Arduino UNO board.
* Implemented PWM motor control logic for smooth turning and obstacle handling.

**2. Home Automation System (IoT Project)**

* Used **NodeMCU (ESP8266)** and **Blynk App** to control lights and fan remotely via Wi-Fi.
* Developed simple Android interface for controlling 3 appliances.

**🛠️ Technical Skills**

* **Electronics & Embedded**: Arduino, STM32, Proteus, Keil, Multisim
* **Programming Languages**: C, C++, Python (basics)
* **Tools & Simulation**: MATLAB, LTspice, Verilog (basic), Tinkercad
* **Soft Skills**: Teamwork, Time Management, Presentation, Problem-solving

**🏆 Achievements**

* Finalist – **Texas Instruments Innovation Challenge 2023** (top 10%)
* Winner – **College Level Circuit Design Competition**, 2023
* GATE EC – Appeared (2025) – (Score pending or mention if good)

**💬 Extra-Curricular**

* Member – **IEEE Student Chapter**, Participated in 4 technical workshops
* Volunteered – Electronics Club robotics camp for school students
* Organized – TechFest 2024 hardware hackathon