Name: You’re Name

**Phone:** 999999999

**Email:** teck12345@gmail.com

**Technical Skills:**

**Core Competencies**

* Device driver development for various peripherals like GPIO, UART, SPI, I2C, ADC, TIMERS, INTERRUPTS (in embedded c).
* Worked on Keli IDE-5, Arduino IDE, Python IDE, 123D IDE (for 3D design).
* Worked on OrCAD, Proteus 8 professional and EasyEDA for schematic diagram designs.
* Worked on various microcontrollers like ARM**7** (LPC2148), ESP32, 8051, ATmega328, Raspberry-pi, Basic knowledge on STM32F4xx (ARM cortex M4).
* Designed circuits on PCB (single and double layer) using PROTEUS and EasyEDA.
* Working experience in wireless technologies (RF, Bluetooth, Wi-Fi, GSM etc..).

Or

* Proficiency in programming languages commonly used in embedded systems, such as C, C++, and assembly language.
* Understanding of embedded systems architectures and microcontroller/microprocessor architectures (e.g., ARM, AVR, PIC).
* Experience with embedded development tools and environments, including IDEs (Integrated Development Environments), debuggers, and compilers.
* Knowledge of real-time operating systems (RTOS) and embedded Linux.
* Familiarity with hardware description languages (HDL) like Verilog or VHDL for FPGA development.
* Ability to interface with various hardware peripherals and communication protocols (e.g., SPI, I2C, UART, CAN).
* Experience with firmware development and debugging techniques.
* Understanding of low-level system programming, memory management, and device drivers.

**Soft Skills:**

* Problem-solving abilities, especially in troubleshooting hardware and software issues in embedded systems.
* Strong attention to detail, as embedded systems often require meticulous design and testing.
* Effective communication skills for collaborating with hardware engineers, software developers, and other team members.
* Time management skills to meet project deadlines and prioritize tasks effectively.
* Adaptability and willingness to learn new technologies and methodologies in the rapidly evolving field of embedded systems.

# Education

# Projects

**Project 1:** IOT (Automation)

**Description:**

**Role:** code developed in Arduino IDE, Keil, Erection, Testing. **Controller Used**: ESP32, ARM7 (LPC2148)

**Project 2:** IOT (Automation)

**Description:**

**Role:** code developed in Arduino IDE, Keil, Erection, Testing. **Controller Used**: ESP32, ARM7 (LPC2148)

**Online Courses and Certifications:**

* C, Embedded C, Wireless technologies
* Python
* Basic knowledge on HTML, PHP, MySQL data base.
* OS - Windows

**Freelance Work Experience:**

# Self-Evaluation

* Objective – good embedded developer
* Honesty
* Quick learner

# Hobbies

* Cricket
* Music

**Personal Information**

* Age:
* Marital Status:

* Known Language:
* Postal Address: