✉ hzaib76@gmail.com

🏠 Pakistan town Phase 1, House no 668

📍 Islamabad

📞 0332 1549924

Languages

Urdu

English

Social networks

in @Haseeb

Haseeb Zaib

Electronics engineer

I am Electronics engineer having expertise in analog design, pcb design and firmware.

Education

- **BSC. Electrical Engineering**
  From June 2016 to July 2020 **University of Lahore** Islamabad campus
  Final Year Project
  Eye Blink Controlled Vehicle

- **Intermediate, Pre-Engineering**
  From May 2014 to June 2016
  Pakistan International School Riyadh, Ar Riyāḍ, Saudi Arabia

Work experience

- **Embedded Engineer**
  Since February 2023 **Zero-Axis** Rawalpindi
  Designing embedded software for "Electronic Volume corrector"
  The purpose of this device is to calculate the volume of burning material inside LPGgas which gas companies and separate the burning gas from all the other useless gases inside it, due to this the bill for gas consumption reduces

  Also working on Gateway used for these devices.

  My responsibilities
  1)designing webserver for remote communication
  2)added external flash of 8mb and external ram
  3)Designed advance GUI for the system
  4)implemented robust RS232 communication between device and external devices
  5)RTOS implementation

- **Electronics Engineer**
  From February 2022 to November 2022 **Electrosolz** Islamabad
  1)Writing firmware for different microcontroller
  2)Designing PCB

  Product which I developed
  1)Industrial Airpurifier
  2)BLE keyboard using texas instrument cc2546
  3)Advance pet collar
  4)Smart power adaptor for modems placed on cell phone tower. with all the features for monitoring voltages,current and power and also load control
  5)ESP32 based amazon webserver integration.

- **Junior Electronics Engineer**
  From March 2021 to December 2021 **Pakistan Detector Technologies** Islamabad
  Reverse engineering of metal detectors
  PCB designing
  Microcontroller programming

- **Internship**
  From December 2020 to February 2021 **Astral Technologies.** Rawalpindi

Skills

Development skills
C/C++,Matlab,PLC,FPGA

Design Skills
Altium Designer,Kicad,Proteus

Personal Projects

Projects
Home automation , Self balancing robot, Automatic water level control circuit