

NENAD MARKOVIC



PCB Designer

@nenad2024



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Kralja Milana, Obrenovac, Serbia



SUMMARY

Dedicated electronic hardware and firmware engineer with 7 years of experience in electronic product development. Proficient in high-speed PCB design, power supply circuits, and firmware for embedded systems, along with RF design for WiFi and Bluetooth applications. Passionate about driving innovation and enhancing product performance.

EDUCATION

The School of Electrical and Computer Engineering of Applied Studies

VI, Automation and vehicle control systems
2008 – 2012

Faculty of Electronic Engineering

Bachelor's degree, Electronics and Microsystems
2012 – 2016

SKILLS

- PCB Design, Multilayer PCB, Circuit Design, RF Design, BOM, Schematic
- C, C++, Assembly Language, Firmware
- Embedded System, ESP32, ESP8266, MATLAB
- Altium Designer, KiCad, Eagle, Proteus, MPLAB, STM32CubeMX
- STM32, Arduino, FPGA, PIC, DSPIC
- SPI, I2C, UART, USB, RS485

PROFESSIONAL EXPERIENCE

Electronic Engineer

Promwad, electronics design house | 2021 – 2024

- I have worked for Electronic Engineer for 3 years.
- Design of electrical circuits. Design of military board with CAN interface, I2C, USB. Written program code for STM controller.

PCB Layout Designer

Senient System Inc. | 2018 – 2021

- I have worked for PCB Layout Designer for 3 years.
- Routing RF PCBs and high-speed – digital printed circuit boards.

PCB/CAD Designer

ZF Group | 2016 – 2018

- I have worked for Electronic Engineer for 2 years.
- Design of high-speed printed circuit boards for military communications equipment.
- Routing and SI/PI simulation of high-speed HDI boards (200G transceivers).
- Stack-up calculations, wave impedance simulations.