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| **Arian badvi** | | | | |
| Birth : 27/11/1993 • (0098) 912-7611130 • [aryanbadvi@gmail.com](mailto:aryanbadvi@gmail.com)• <http://www.linkedin.com/in/arianbadvi> | | | | |
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| **OBJECTIVE** |  | Embedded system developer with over five years experience.  mainly interested in low frequency PCB design and coding, especially C programming language.  Skilled in Embedded software and hardware and Enjoy creative problem solving.  Some of my projects could be found on my Linkedin. | | |
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| **PROFESSIONAL EXPERIENCE** |  | **Embedded system designer and developer**  Freelancer | **Sep 2017 – Present** | |
|  | * Some projects have designed and manufactured for different companies.   Some of these projects are on my Linkedin and are specified with FREELANCE tag. | | |
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| **Electronic engineer and electronic designer and developer**  Airin-tech | **Nov 2020 – Present** | |
| * Designing Circuits and coding to using magnetic field sensor as module (samples are on my linkedin.) * Programming for embedded systems with C programming language * Designing low frequency PCBs * Designing analog circuits * Project management | | |
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| **EDUCATION** |  | **Bachelor of Electrical and control engineering,**  Semnan university | | **Sep 2012 – Sep 2017** |
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| **SKILLS** |  | * Expert C level, C++, Python (TKinter, matplotlib) * Embedded software development * Excellent analytical and debugging skills * Product development * Circuit prototyping and design * Digital design (e.g. based on CPLD) * Lab Equipment (e.g. oscilloscopes, soldering) * Experience in IOT (based on GSM modules) * GUI development (with python programming language and TKinter module) * Microcontrollers (AVR, STM32, NXP) * PCB design (with Altium designer software e.g. low frequency embedded system PCBs, PCBs based on CPLD chips) * Arduino, Raspberry PI (RPI4) * Serial Protocols and various interfaces (e.g. SPI, I2C, UART, RS232, RS485, 1-WIRE etc.) * Wireless network (e.g. WIFI, Bluetooth etc.) * HTTP/HTTPS * Sensor interfacing (e.g. accelerometer, gyroscope, Temperature, GPS, magnetic, humidity) * Version control system (e.g. git) * OS (windows, Linux (Raspbian, mint, ubuntu)) | | |