RESUME

PERSONAL DETAILS

Name	Amar Hodžić
Address	Otočkog bataljona bb, 77244, Bosanska Otoka, Bosnia and Herzegovina
Date of Birth	19th July 1994
Phone	+38761816703
E-mail	amar_hodzic1@hotmail.com
Website	amarh-portfolio.herokuapp.com

EDUCATION

2021 – Present	University of Bihac, Technical faculty, Bihac Master's studies in Electrical Engineering (Major in Informatics)
2013 - 2019	University of Bihac, Technical faculty, Bihac Graduated as Bachelor Engineer of Electrical Engineering (Major in Informatics, 240 ECTS)
2009 – 2013	Gymnasium of Bosanska Krupa, Bosanska Krupa Gymnasium, General Studies

WORK EXPERIENCE

2021 – Present	High School of Electrical Engineering Bihac Informatics and Electrical Engineering professor
2020 – 2021	Municipality of Bosanska Krupa, Department for Development Expert associate for Information technologies (Internship) Job description: Server and System administrator, Website maintenance Technical support
Student and Personal Projects	Personal Portfolio Web Application *(Python; Django; PostgreSQL; Heroku; GIT)* Insurance Policy Calculator *(Python)* REST API Development *(Django; Flask; Docker; MongoDB)* Messenger Chatbot Demo *(NodeJS; Heroku; GIT)* Self-Balancing Robot *(Arduino; PID controller; DC motors; PWM)* Home Security System *(Arduino; GSM; Sensors; Camera; Servo motor)* Conveyor System *(MATLAB; Arduino; UDP; Ethernet; Stepper motor)* Smart House Control System *(Arduino, Voice Recognition)* Handwritten Digit Recognition *(MATLAB; Artificial Neural Network)*

HIGHLIGHT OF QUALIFICATIONS

Software engineering	Software programming experience in multiple programming languages *(Python, C++, NodeJS, Java, Matlab)* Object-oriented programming REST API development in Python *(Django and Flask frameworks)* Working with SQL and MongoDB databases GUI development GIT knowledge System modeling and documentation *(UML)* Knowledge in Artificial Intelligence and Machine Learning algorithms Working with microcontrollers and real-time systems development System modeling and simulation *(Simulink)* Editors/IDEs: *Microsoft Visual Studio, DevC++, PyCharm, MPLAB, Atom*

ADDITIONAL SKILLS

Languages	Bosnian: native speaker
	English: proficient – B2 level
	German: beginner – A1 level

Driving licence	B