



Nikola Kukric

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Address: Vuka Karadzica 30,, 71123, East Sarajevo, Bosnia and Herzegovina
(Work)

● ABOUT ME

Young, innovative, eager to prove himself and succeed. Always ready to work and acquire new knowledge.

● EDUCATION AND TRAINING

2014 – 2018 East Sarajevo, Bosnia and Herzegovina

BSC IN ELECTRICAL ENGINEERING University of East Sarajevo, Faculty of Electrical Engineering

While working on academic and extracurricular projects I was able to experience the following: AC and DC analysis of electrical circuits, electronic digital electronics, programming in C and C#, Web programming, programming in Java, Database, Embedded systems, Software engineering...

Address Vuka Karadzica 30, 71123, East Sarajevo, Bosnia and Herzegovina |

Field of study Software and applications development and analysis , Information and Communication Technologies (ICTs) not further defined |

Final grade 10 | **Type of credits** ECTS | **Number of credits** 240 |

Thesis System for controlling and monitoring microclimate in greenhouses

2018 – 2023 East Sarajevo, Bosnia and Herzegovina

MSC IN ELECTRICAL ENGINEERING University of East Sarajevo, Faculty of Electrical Engineering

Graduates with this master they possess a unique combination of knowledge of software, hardware, as well as tools and software packages for design and modeling. Graduates of the program are engaged in design of various software and hardware systems on the perspective elemental base, starting from fundamental search research and ending with design, production support and maintenance of specific hardware.

Address Vuka Karadzica 30, 71123, East Sarajevo, Bosnia and Herzegovina | **Final grade** 10 | **Type of credits** ECTS |

Number of credits 320 | **Thesis** Development of a sensor node and platform for air quality monitoring

● WORK EXPERIENCE

31/07/2017 – 09/09/2017 Ridderkerk, Bosnia and Herzegovina

STUDENT INTERNSHIP OBSERVATOR INSTRUMENTS BV

My first experience working in the industry was as an intern at Observator Instruments, where I had the opportunity to work on a project to develop an Automatic Calibration System for wind direction sensors. Based on our work, I wrote a paper on the project that was published in a respected industry journal, showcasing the successful outcome of our efforts.

28/02/2018 – 29/11/2019 Sarajevo, Bosnia and Herzegovina

RESEARCH AND DEVELOPMENT ENGINEER BSMART DOO

As a Research and Development Engineer at BSmart, I was responsible for developing and implementing new technologies to support the company's products and services. I worked on a range of projects, from

initial research and prototyping, to full-scale development and deployment. In my role, I utilized my skills in programming microcontrollers in C/C++ to design and develop embedded systems that were used in the company's products. I worked closely with hardware engineers to integrate software and hardware components, ensuring that the systems were efficient, effective, and reliable.

30/09/2017 – 31/10/2018 East Sarajevo, Bosnia and Herzegovina

STUDENT DEMONSTRATOR UNIVERSITY OF EAST SARAJEVO, FACULTY OF ELECTRICAL ENGINEERING

During my studies I worked as a student demonstrator in the subjects Microcontroller Systems, Embedded programming.

28/02/2019 – CURRENT East Sarajevo, Bosnia and Herzegovina

TEACHING ASSISTANT UNIVERSITY OF EAST SARAJEVO, FACULTY OF ELECTRICAL ENGINEERING

I work closely with other professors and teachers for high-quality instruction to undergraduate students. My areas of expertise include embedded systems, microcontrollers, sensors, and related topics. I support faculty members in delivering lectures and labs, preparing course materials, grading assignments and exams, and providing individual support to students as needed.

30/11/2019 – 30/01/2022 East Sarajevo, Bosnia and Herzegovina

SOFTWARE ENGINEER SINGULARITY.IS

I was responsible for developing and maintaining software applications that met the needs of the company and its customers. In my role, I was responsible for the full software development life cycle, from requirements gathering and design, to coding, testing, and deployment. I used a range of programming languages and development tool.

12/2022 – CURRENT Bosnia and Herzegovina

CEO DIGITALNIOZON

As CEO of DigitalniOzon I am a skilled and effective leader. I am able to inspire and motivate my team to achieve their goals and perform at their best. I provide clear guidance and direction, and I am always available to offer support and assistance when needed. A work on all aspects of operations including strategic planning, leadership, financial management, sales and marketing, and stakeholder management. I develop and execute the company's strategic plan, set performance goals and objectives for the team, and ensure that the company culture is aligned with the company's mission and values.

06/2021 – CURRENT

FOUNDER & SOFTWARE ENGINEER BCREATIVE

As the founder of BCreative, I have a passion for creating innovative solutions to complex problems. I have led the development of several software and IoT projects. In my role as CEO and founder, I oversee all aspects of the company's operations, including project management, strategic planning, financial management etc,

● LANGUAGE SKILLS

Mother tongue(s): **SERBIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B1	B2	B1	B1	B2
GERMAN	A1	A2	A1	A1	

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ADDITIONAL INFORMATION

PUBLICATIONS

[Automatic calibration system for wind direction sensors: Automatic calibration system for OMC—160—3](#)

– 2018

[Microclimate monitoring system in greenhouses](#) – 2020

[SYSTEM FOR MONITORING AIR QUALITY](#) – 2021

[Air Quality Monitoring Platform in the City of Čačak](#) – 2022

Modularni mehatronički sistemi sa industrijski orijentisanim pristupom – 2022

[HTTP web server implementation in air parameters monitoring system](#) – 2023

[One Solution of Low-Cost Modular Control Device based on IoT](#) – 2023

Web-Based HMI for PLC Systems – 2023
