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|  | Željko Tripić  Software engineer | | | | | | Novosadska 55  Modrica  Bosnia and Herzegovina  +387 66 795 810  zeljkotripicbl@gmail.com |  |
|  | **DATE OF BIRTH** | | | |  | 10.06.2000. | |  |
|  |  | | | |  |  | |  |
|  | EDUCATION | Oct 2019 – Oct 2023  Oct 2023 – Nov 2023  Nov 2023 – Dec 2023 | | |  | Bachelor degree in Electrical Engineering – Computer Science University of Banja Luka, Faculty of Electrical Engineering  Average grade of 9,67 throughout academic studies. Relevant courses that I passed during studies: Basics of Electronics, Data Structures and Algorithms, Programming languages I & II (C, C++, C#, Java), Operating Systems. Computer Architecture, Computer Networks, Cryptography, Data Bases, Web Technologies, Software Testing, Software Development, Network and Distributed Programming, Mobile App Development.  **Python Programming Course**  **Pytest Testing Framework Course** | |  |
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|  | Professional experience | | | Dec 2023 - present |  | **Test Engineer, RT-RK Banja Luka** | | | |  |
|  |  | Jul 2023 – Nov 2023 | | |  | **Student Intern, RT-RK Banja Luka**  Worked on my Bachelor thesis “Fog Computing – Programming IoT Gateway”. Developed app for IoT Gateway Linux-based device that collects, processes and forwards sensor data, received via MQTT protocol, to cloud services. As well, I developed dedicated cloud services for long-term storage and more complex sensor data analysis, and also Web dashboard app for IoT gateway app manipulation and data visualization. | |  |
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|  | **Skills & Abilities** |  | * B2 English certificate * Worked with Python, MQ protocols, Docker, PostgreSQL, Robot testing framework. * Familiar with Git and Jenkins CI/CD workflow. | | | | |  |
|  | PROJECTS |  | * IoT Gateway App (https://github.com/zeljko00/iot-gateway-app.git) * IoT Gateway Dashboard (https://github.com/zeljko00/iot-cloud-dashboard.git) * IoT Data Services (https://github.com/zeljko00/iot-cloud-platform.git) * Application Level Task Scheduler * Secure Chat App (<https://github.com/zeljko00/SecureChatApp.git> & https://github.com/zeljko00/SecureChatApp\_Backend.git) | | | | |  |
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|  | Accomplishments | | | |  | Received an award for the second best Bachelor thesis among students in RT-RK company. Two times high school state champion in physics and won fifth place at Electrical Engineering students meeting in 2023 in Ohrid, North Macedonia. | |  |
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