

RADOSLAV BUKOV

Software Engineer

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<https://radoslabbukov.eu/>
Smolyan, Bulgaria



Experienced and highly trained engineer with 9+ years of proven experience in the field of Automation in Automotive industry. Strong understanding of Computer systems, PLC programming, Automatisatation and Control systems, Mechatronics and etc. Proven capability to work independently or as a part of a team. Excellent leadership and communication skills. High interest and commitment to professional development and learning opportunities. Last couple of years with strong interest and dedication in Web Development, Backend with Python and Django, and Frontend with JavaScript, HTML & CSS. You can find some of my projects in my [GitHub](#) account.

WORK EXPERIENCES



Head of Automatisatation Department and Electrical Maintenance

Hronovsky | Jan 2020 - Present

Smolyan, Bulgaria

Main Head role responsibilities:

- Managing, scheduling, coaching and supporting the development of team members.
- Developing training materials, provide and organise any training that team members need.
- Manage the flow of day-to-day operations, coordinate team tasks, execution of an operative schedule.
- Create an environment oriented to trust, open communication, creative thinking, and cohesive team effort.
- Familiarize the team with the customer needs, specifications, design targets, the development process, design standards, techniques and tools to support task performance.
- Coordinates meetings with the management to discuss project impediments, needed resources or issues/delays in completing the task.
- Developing plans to implement improvements with new automation technologies to increase efficiency and productivity levels within the company.

Main PLC Programmer responsibilities:

- Develop, update, maintain and implement improvements in the PLC software.
- Installation, setup and develop specialized automated devices such as PLC, Visual systems, Industrial robots, Electronic sensors and others.
- Creating a complete concept for development, programming, implementation and design change of automated equipment.



Head of Automatisatation Department and Electrical Maintenance

Kostal | Jan 2016 - Dec 2019

Smolyan, Bulgaria

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Automation Engineer

Kostal | Aug 2014 - Dec 2016

Smolyan, Bulgaria

Main PLC Programmer responsibilities:

- Update, maintain and implement improvements in the PLC software.
- Installation, setup and develop specialized automated devices such as PLC, Visual systems, Industrial robots, Electronic sensors and others.
- Creating a complete concept for development, programming, implementation and design change of automated equipment.
- Makes technical changes to the automated devices, correct defects of automated equipment and perform set tasks.
- Responsible for the overall maintenance of all automated systems in production (PLC, Vision systems, Robots and etc.).
- Working with colleagues from other departments in relation to the improvement of automation systems.

EDUCATION



Software University - SoftUni

Sofia, Bulgaria | Nov 21 - April 23

Python Web Developer

Python Web Developer course modules:

- Python Fundamentals
- Python Advanced
- Python OOP
- Python Web Basics
- Python Web Frameworks - Django
- HTML & CSS
- JavaScript Front-end

SKILLS

Technical

PLC Controllers
Python/OOP/APIs
Django/Web/HTTP
JavaScript/DOM/Rest
HTML&CSS
SQL/PostgreSQL
Git/GitHub
Object-oriented design
Industrial Automatisatation
Industrial Robots
Computer Vision
Lead and deliver complex software systems

Professional

Effective communication
Team player
Mentoring skills
Leadership
Time management
Strong problem solver

LANGUAGES

Bulgarian (Native)
English (Professional)

DRIVING LICENSE

B, B1
A, A1, A2, AM

INTERESTS

Programming
Electronic Devices
Football
Gaming
Cinema & Movies
Travelling



Master's Degree, Automation, Information and Control Systems

Activities and societies:

- Adaptive control
- Automated Manufacturing Systems
- Robotics
- Fuzzy and Neuron Control
- System Analysis
- Management of Industrial Manipulators

Diplom thesis: Integration of automatic visual solder joint inspection in automotive components assembly system.



Master's Degree, Mechatronics, Robotics, and Automation Engineering

Activities and societies:

- Control Theory
- Digital Signal Processing
- Robust and Algebraic control



Bachelor's Degree, Automation, Information and Control Systems

Activities and societies:

- Microprocessors
- Computer Simulation
- Computer Control Systems
- Computer-integrated manufacturing systems
- Automation of processes
- Automation of Manufacturing
- Analysis and Recognition of pattern and scenes
- Artificial Intelligence
- Logic Control

Diploma thesis: Synthesis of quadrotor position control system.

COURSES AND CERTIFICATES

Certificates

- Lean Six Sigma - Green Belt
- Leadership and communication skills
- Time management
- C# Programming Basics
- Python Programming Basics
- Python Fundamentals
- Python Advanced
- Python OOP
- Python Web Basics
- Python Web Frameworks - Django
- Python HTML & CSS
- Python JavaScript Front-end
- Tightening Technique & CVIx2 controller settings, CVIPC
- Staubli: Maintenance TS, TX/SC8C Level 1
- Mitsubishi Robot Advanced Training
- Fundamentals of Pneumatic and Electro Pneumatic
- Cognex Corporation: Checker Vision Sensors
- IPC-7711/IPC-7721 Rework and Repair of Electronic Assemblies
- Total Productive Maintenance
- Root Cause Analysis

SC&C Partner | Brno, Czech Republik
Lean.bg | Sofia, Bulgaria
Academica Responsa | Sofia, Bulgaria
SoftUni | Sofia, Bulgaria
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SoftUni | Sofia, Bulgaria
SoftUni | Sofia, Bulgaria
Desoutter | Bratislava, Slovakia
Staubli | Pardubice, Czech Republik
Mitsubishi | Plovdiv, Bulgaria
Festo | Sofia, Bulgaria
Mitsubishi | Plovdiv, Bulgaria
IPC | Smolyan, Bulgaria
Lean.bg | Sofia, Bulgaria
Alfa Quality | Smolyan, Bulgaria

Courses

- Beckhoff TwinCat 2
- Beckhoff TwinCat 3
- Apollo Seiko, Janome
- SICK 3D Visual System (IVC 3D)
- Festo Servo motors
- Inspector I40 Vision Sensor
- 8D Reports
- 5 Why

Kastiva | Sofia, Bulgaria
Kastiva | Sofia, Bulgaria
Apollo Seiko | Eindhoven, Netherlands
Sick , inc. | Sofia, Bulgaria
Festo | Sofia, Bulgaria
Sick, inc. | Sofia, Bulgaria
Kostal | Smolyan, Bulgaria
Kostal | Smolyan, Bulgaria

