

# RADOSLAV BUKOV

Software Engineer

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www.radoslawbukov.github.io

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, Automatisations 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 Automatisations Department and Electrical Maintenance

Hronovsky | Jan 2020 - Present

Smolyan, Bulgaria

Main Head role responsibilities:

- Coach and help develop team members.
- Develop a strategy the team will use to reach its goal.
- Provide any training that team members need.
- Monitor team members' participation to ensure the training they providing is being put into use, and also to see if any additional training is needed.
- 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 product committee, project manager and functional management to discuss project impediments, needed resources or issues/delays in completing the task.

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.
- Design and manufacture, assembly and installation of automation systems.
- Creating a complete concept for development, programming, implementation and design change of automated equipment.

### Head of Automatisations Department and Electrical Maintenance

Kostal | Jan 2016 - Dec 2019

Smolyan, Bulgaria

Main Head role responsibilities:

- Coach and help develop team members.
- Develop a strategy the team will use to reach its goal.
- Provide any training that team members need.
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- Manage the flow of day-to-day operations, coordinate team tasks, execution of an operative schedule.
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Main PLC Programmer responsibilities:

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- Installation, setup and develop specialized automated devices such as PLC, Visual systems, Industrial robots, Electronic sensors and others.
- Design and manufacture, assembly and installation of automation systems.
- Creating a complete concept for development, programming, implementation and design change of automated equipment.

### 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.
- Design and manufacture, assembly and installation of automation systems.
- 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

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

### Technical University of Sofia

Sofia, Bulgaria | Sep 13 - Jun 15

## SKILLS

### Technical

PLC Controllers  
Python/OOP/APIs  
Django/Web/HTTP  
JavaScript/DOM/Rest  
HTML&CSS  
SQL/PostgreSQL  
Git/GitHub  
Object-oriented design  
Industrial Automatisations  
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

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.



**Brno University of Technology**

Brno, Czech Republic | Jan 14 - Apr 14

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

Activities and societies:

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



**Technical University of Sofia**

Sofia, Bulgaria | Sep 09 - Jun 13

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 & CVI x2 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

SoftUni | Sofia, Bulgaria

SoftUni | Sofia, Bulgaria

SoftUni | Sofia, Bulgaria

SoftUni | Sofia, Bulgaria

SoftUni | Sofia, Bulgaria

SoftUni | Sofia, Bulgaria

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



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[github.com/RadoslavBukov](https://github.com/RadoslavBukov)