



**Aleksandar Stanisavljevic**  
Mechatronics/Mechanical engineer



## Contact



+381 (0)64 415 4268



aleksandarpmau@gmail.com



## Computer skills

ANSYS 50%

AutoCAD 70%

Autodesk Inventor 75%

C 60%

C++ 50%

Catia 65%

Creo 70%

HTML/CSS/JavaScript 80%

Java 40%

Matlab/Simulink 60%

Microsoft Office 80%

Python 60%

SAP 15%

Siemens NX 70%

Simatic/TIA Portal 45%

SolidWorks 80%



## Experiences

2019

**Company name and location** - ZF - Pancevo

**Time period** - January 2019. - present

**Position** - Mechatronics engineer (Maintenance)

**Description** - Analysis and improvement of PLC (Siemens and Beckhoff) programs

- Writing of new PLC programs
- Analysis and improvement of programs for KUKA robots
- PLC and KUKA robot troubleshooting

2016

**Company name and location** - SIGIT - Kragujevac

**Time period** - November 2016 - January 2019.

**Position** - Mechatronics engineer (R&D)

**Description** - Design of conceptual solutions

- Machine modeling and construction
- FEM analysis
- Gauge and fixture modeling
- Procurement of components
- DFM/DFA
- Application and PLC programming
- Drafting technical documentation
- Testing of machines
- Commissioning of machines at home and abroad
- Communication with clients and suppliers
- Contracting new projects

2015

**Company name and location** - VERTEX STAR - Kragujevac

**Time period** - March 2015. – October 2016. (freelance)

**Position** - Design engineer / Constructor of machines and equipments (R&D)

**Description** - Preparation and control of technical documentation

- 3D modeling
- FEM analysis
- Creation of drawings and material lists of assemblies, subassemblies, welded and individual parts

2013

**Company name and location** - Invenio - Kragujevac

**Time period** - April 2013. – February 2016.

**Position** - Team Leader (Quality)

**Description** - Coordinates work of employees

- Ensures efficient and qualitative shift results (productivity, OEE, delivery reliability, quality and lean manufacturing)

2004

**Company name and location** - FRAD - Aleksinac

**Time period** - September 2004. – September 2005.

**Position** - Mechanical Technician (R&D)

**Description** - Analysis, drawing and production of technical documentation of all machines in electronic form using AutoCAD



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## Languages



70%



15%



## Online portfolio



## Education

### Master Mechanical Engineer (MSc)

2013

**University** - Faculty of Engineering, University of Kragujevac

**Field of Study** - Applied mechanics and automatic control

**Graduation** - Designing digitally controlled servomechanism with brushless DC motor in the role of executive authority

### Mechanical Engineer (BSc)

2011

**University** - Faculty of Engineering, University of Kragujevac

**Field of Study** - Applied mechanics and automatic control

**Graduation** - Application of the concept state machine in programming the movement of mobile robots

### Mechanical Technician

2004

**Secondary School** - Electrotechnical School Aleksinac

**Field of Study** - Mechanical computer designing

**Graduation** - Design and calculation of worm gear



## Additionally education and courses

2016

Java Programming (Oracle Academy)

2015

Java Fundamentals (Oracle Academy)

2012

Introduction to programming and implementation of PLC/HMI devices and industrial computer systems (ATC Serbia)

2012

Introduction to object-oriented programming and mobile robotics (ATC Serbia)

2012

Introduction to electrical circuits, sensor and actuator (ATC Serbia)



## Hobbies

Karate

Bicycling

Origami

Mountain climbing