

# Marko Mitrovic, Mechanical Engineer

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Belgrade, Serbia

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## ABOUT ME

I am Marko Mitrović, mechanical engineer, second-year master's student at the Faculty of Mechanical Engineering in Belgrade. I characterize myself as an extremely persistent person, dedicated to work and learning. Ready for further professional training and new work experiences. High level of loyalty, as well as respect for the collective. A team player, ready to take on the role of leader.

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## EDUCATION

Faculty of Mechanical Engineering, University of Belgrade  
5th Year Student,  
Completed all exams; thesis remaining

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## PROFESSIONAL EXPERIENCE

### Academic Projects

2021 - Present

#### Design of Foundries

Developed design plans and specifications for foundry layouts, including material flow and machinery placement.

#### Design of Warehouses

Optimized warehouse structures with a focus on efficiency and storage capacity, meeting industrial safety standards.

#### Design of Conveyors

Engineered conveyor systems for industrial applications, including material handling and operational efficiency improvements.

#### Design of Cranes

Designed and calculated the structural requirements for industrial cranes, ensuring compliance with mechanical and safety regulations.

#### Frame and Spatial Structure Calculations

Conducted static and dynamic calculations for frame and spatial structures using SAP2000, ensuring structural integrity.

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## SKILLS

- 3D CAD Software: SolidWorks, Creo Parametric, AutoCAD
- Programming: HTML, CSS, JavaScript, React, Tailwind, jQuery, JSON, external libraries for JavaScript, VS Code
- Engineering Software: Mathcad, SAP2000
- Languages: English (fluent), Russian (basic)

## ADDITIONAL EXPERIENCE

- Self-taught programming enthusiast with proficiency in web development and a strong interest in applying software to mechanical engineering solutions.
- Sport