



👤 31 years

♂ Male

📍 Chişinău

in

TOP Skills

- **Dezvoltarea de produse** · 2 years
- **Proiectare şi dezvoltare** · 1 year
- **Dezvoltare mecanică** · 10 months

Preferences

- Full-time
- No schedule
- Flexible
- In shifts
- In-house
- Hybrid
- Remote
- Mobile work

Languages

- **Romanian** · Don't know
- **Russian** · Don't know
- **English** · Fluent
- **Turkish** · Native
- **German** · Elementary
- **Dutch** · Elementary

Driving licence

Datele de contact sunt contra cost. Detalii aici: <https://www.rabota.md/ro/prices/cv>

Inginer mecanic

About me

Mechanical Engineer with expertise in mechanical design, project management, and product development. I specialize in guiding projects from concept to production, leveraging DFMEA, validation, and mass production processes in collaboration with cross-functional, international teams.

Work experience

Inginer de dezvoltare de produse · ZF

Friedrichshafen AG · Chişinău

April 2023 - Present · 2 years 5 months

- Leading tie rod product development projects from concept design to SOP, focusing on customer specifications, automotive industry standards (e.g. IATF 16949), and performance targets.
- Managing engineering change management in materials, manufacturing processes, and supplier transitions to improve project efficiency and ensure on-time delivery.
- Collaborating with cross-functional teams across design, prototyping, product validation, and serial production stages.
- Interfacing with OEM customers and internal customers to align on design reviews, technical roadmaps, and design validation plans (DVP&R).
- Driving cost-effective R&D initiatives for chassis systems, focusing on innovation, weight optimization, and functional integration.
- Customizing mechanical components for enhanced steering performance, including hot/cold-formed steel parts where applicable.
- Optimizing tie rod designs for Electric Vehicle (EV) and Internal Combustion Engine (ICE) steering architectures, including platform modularity and packaging constraints.

Skills: Dezvoltarea de produse

Inginer de proiectare şi dezvoltare · Vestel Inc. · Chişinău

July 2022 - April 2023 · 10 months

- Managed the full product development lifecycle, including 3D/2D design, DFMEA, prototyping, technical documentation, BoMs, and DFMs.

- Designed specific components such as hinges, adjustable hinges, mullion bar structures, click-type handles, and fastening components using cold-rolled sheet metal and injection-molded plastic.
- Handled integration zones with electrical components such as Wi-Fi units, PCBs, sensors (e.g., humidity, heat), and structural interfaces for embedded systems.
- Collaborated with industrial designers, optical designers, and UI mechanics for mechanical-visual integration.
- Conducted patent research and designed the Position Adjustable Hinge Structure (patent no. 2023-GE-81755).
- Participated in global R&D meetings and international project coordination.

Skills: Dezvoltare mecanică

Inginer proiectant mecanic · Vestel Inc. · Chişinău
March 2021 - July 2022 · 1 year 5 months

Managed the full product development lifecycle: 3D/2D design, DFMEA, prototyping, documentation, BoMs, and DFM.

Designed components such as hinges, adjustable hinges, mullion bars, click-type handles, and fastening parts using cold-rolled sheet metal and injection-molded plastics.

Led integration of mechanical and embedded systems (Wi-Fi units, PCBs, sensors like humidity/temperature) in coordination zones.

Collaborated with industrial designers, UI/optical engineers for mechanical-visual integration.

Developed patented components, including Position Adjustable Hinge (patent no. 2023-GE-81755), hinge covers, brackets, and caps.

Invented Reinforcement Centering Design (patent no. 2022-GE-869666), a centering cap solution that replaced costly reinforcement systems—cutting costs by 60%, eliminating labor-intensive steps, and improving alignment reliability.

Led mechanical testing, CAD design, prototyping, production transitions, and design verification.

Drove cost, quality, and efficiency improvements for existing products by implementing scalable and production-ready design solutions.

Participated in global R&D meetings and cross-functional international project coordination.

Skills: Proiectare şi dezvoltare

Desired industry

- Engineering

Education: Higher