MUHAMMED I. KARTAL

SOFTWARE ENGINNER

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SUMMARY

Practical Engineer with Significant Experience in Process Design, I have worked with some organizations, ensuring a grounded approach to my profession, leveraging my expertise to optimize processes and deliver innovative solutions that meet business objectives.

PROFESSIONAL EXPERIENCE

Instrument Tech, Morcelle Program   Jan 2024 - Present
- Led development of an advanced automation system, achieving a 15% increase in operational efficiency.
- Streamlined manufacturing processes, reducing production costs by 10%.
- Implemented preventive maintenance strategies, resulting in a 20% decrease in equipment downtime.

Internship, XarrowAI Industries   Jun 2022 - Aug 2022
- Designed and optimised a robotic control system, realizing a 12% performance improvement.
- Coordinated testing and validation, ensuring compliance with industry standards.
- Provided technical expertise, contributing to a 15% reduction in system failures.

PROJECTS

Industrial Basics and General Application   Jan 2023 - Jun 2023
University of Engineering Process Cohort
- Automotive Technology.
- Technological Advancements within the current Chemical & Process Industry".
- Other relevant information.

SKILLS

Prototyping Tools User Research	Interaction Design Visual Design	Accessibility Responsive Design

EDUCATION

Bachelor of Design in Software Engineering   Sep 2020 - Sep 2025
Halic University
- Relevant coursework in Software and Project Management.

ADDITIONAL INFORMATION

- **Languages:** English, Turkish, French
- **Certifications:** Professional Design Engineer (PDE) License, Project Management Tech (PMT), Structural Process Design (SPD).
- **Awards/Activities:** Most Innovative Intern of the Year (2022), Overall Best Intern, Division Two (2022), Onboarding Project Lead (2024)