

Rashad Atef Sindi
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Introduction:

A diversified skill engineer with experience in maintenance, engineering design, and projects management. I am a dedicated individual with a keen eye for detail and persistent for problem-solving. Always striving to learn new skills and gain more knowledge.

Experience:

Project Engineer at Saudia Technic. Jan 2025 – Present

- Restoring GACA and IASA capability list for all aircraft support shops.
- Facilitating the design and fabrication of aircrafts cabin interior parts.

Projects Technician at Saudia Technic. Jan 2024 - Dec 2024

- Dismantled three Boeing 777-200 Aircraft airframes to be installed in Riyadh.
- Designed a systematic method to safely remove all landing gears before placing the aircraft fuselages on heavy duty stands.
- Reinstalled all three aircraft back to their normal operation conditions.

Aircraft Technician at Saudia Technic. Mar 2023 - Present

Perform preventative aircraft maintenance.

- Diagnose, troubleshoot, and repair aircraft mechanical, hydraulic and structural systems.
- Ensure compliance with aviation safety rules and regulations.
- Reinstalled all three aircraft back to their normal operation conditions.

Design Engineer at institute of Fluorescence. Mar 2018 - Aug 2021

- Synthesized and experimented with Fluorophore solutions that successfully resulted in increasing electrical current as a function of temperature.
- Analyzed Experimental Data by observing changes in electrical current.
- Presented Data to employer and all relevant stakeholders.

Founder of Car Mobile shop. Aug 2016-Present

- Run mechanical and electrical engine diagnostics and carry out repairs as necessary.
- Repair and replace worn out suspension components at customer's location.
- Perform engine and transmission preventative maintenance.

Projects:

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- Designed a full chemical plant for the Production of Nitrous Oxide (Capstone). **2021**
 - Studied heat transfer in radiators with variation of Antifreeze concentrations and flow rates. **2019**
 - Designed solar cells and examined generated electrical current and their efficiencies. **2021**

Education:

University of Maryland Baltimore County May 2021

School of Engineering & information technology

Bachelor of Science in Chemical engineering. (Environmental Engineering & Sustainability Track) Minor in Emergency Health Services.

Publication Title: "Plasmonic Electricity II: The Effect of Particle Size, Solvent Permittivity, Applied Voltage, and Temperature on Fluorophore-Induced Plasmonic Current"

Certifications:

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- Project Management Professional (PMP)® **2025**

- Engineering Leadership Development 2023
- Fire Hazards. 2021
- Hazards and Risk. 2021
- Common Chemicals and Their Major Hazards. 2021
- Engineering Leadership Development. 2021

Achievements:

- Lead technician for the Sixth place winner at the Kingdom Jet Ski Championship.
- Rescued a cardiac arrest patient using CPR in an automobile accident.
- Completed the reassembly of three Boeing 777 Aircraft (Blvd Runway).

References:

- Upon request