

# Resume

## EMAD SADEGHI

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### Educational Background

- **M.Sc.:** Applied Mechanical Engineering, School of Engineering, Imam Khomeini International University, Ghazvin, Iran, 2016-2018; GPA: 17
- **B.Sc.:** Mechanical Engineering, School of Engineering, Islamic Azad University, Tehran, Iran, 2010-2014; GPA: 18.22

### Training Courses

- Pump Selection and Operation Introduction to API 610 requirements
- Compressor Selection and Sizing
- Introduction to Steam Turbine
- Introduction to Gas Turbine

### Computer Skills

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| <ul style="list-style-type: none"><li>• Microsoft Office</li><li>• Solid Works</li><li>• MATLAB</li></ul> | <ul style="list-style-type: none"><li>• Auto CAD</li><li>• Ansys CFX</li></ul> |
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### Familiar Codes and Standards

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| <ul style="list-style-type: none"><li>• API</li><li>• HI</li><li>• ASME</li></ul> | <ul style="list-style-type: none"><li>• NFPA 20</li><li>• ASTM</li><li>• ISO 5199</li></ul> |
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### Profile

Nearly 4 years of experience in design and engineering of rotary equipment such as turbines, compressors, pumps and some types of packages such as injection units, air compressor packages and etc. used for oil, gas & petrochemical plants. Highly dependable with a strong desire to learn, contribute and make a difference. A team player seeking a role in an engineering group.

<b>March 2021 Up to March 2023</b>	<b>Company: Hirkan Company</b>
<b>Full Time</b>	<b>Position: Rotary Equipment &amp; Package Eng.</b>
<p>➤ <b>Project: Binak Gas Compressor Station (Boushehr, Iran)</b></p> <p><b>Client: NISOC</b></p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Detail Design of Rotary Equipment Such as: Reciprocating Compressor (API 618), Centrifugal Pumps (API 610), Controlled Volume Pumps (API 675), Positive Displacement Pumps-Rotary (API 676), General Service Pumps (ISO 5199), Centrifugal Compressors (API 617), Nitrogen Package, Plant &amp; Instrument Air Package</li> <li>• Preparing Technical Specifications, Mechanical Data Sheets and Material Requisitions for Rotary Equipment</li> <li>• Checking Vendor Proposals, Preparing Vendor Clarification Forms and Technical Bid Evaluation and Review of Vendor Documents for Rotary Equipment</li> </ul>	
<b>March 2023 Up to Now</b>	<b>Company: Sazeh Consultants Co.</b>
<b>Full Time</b>	<b>Position: Rotary Equipment &amp; Package Eng.</b>
<p>➤ <b>Project: Basic &amp; Feed Engineering Design, (Bandar Abbas, Iran)</b></p> <p><b>Client: MOKRAN NEGIN Petroleum Refining Company (MNPRC)</b></p> <p><b>Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Preparing Technical Documents Including Technical Specifications, Material Requisitions, Data sheets of Rotary Equipment Such as Centrifugal Pumps (API 610), Controlled Volume Pumps (API 675), Centrifugal Compressors (API 617), Screw Compressors (API 619), Reciprocating Compressors (API 618), Steam Turbine (API 611)</li> </ul>	