




# Md JISHNA JIDAN MARUF

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## TECHNICAL SKILLS

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**Programming Languages:** Python, C++, MATLAB, etc.  
**Tools:** PyroSim, AutoCAD, SolidWorks, MATLAB, etc.  
**Hard skills:** Rac, etc.

## PROFESSIONAL EXPERIENCE

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<b>Pioneers Knitwears Bd LTD.</b> <i>Procurement Officer</i> <ul style="list-style-type: none"><li>Purchasing goods and quality management</li></ul>	September 2024 – October 2025 <i>Uttar Badda, Dhaka</i>
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## PROJECTS

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<b>Orifice</b> <ul style="list-style-type: none"><li>Designed and fabricated an orifice plate for flow measurement.</li><li>Calculated flow rate using Bernoulli's equation.</li><li>Measured pressure drop across the plate.</li><li>Analyzed discharge coefficient and flow characteristics.</li></ul>	Own
<b>Fire Safety</b> <ul style="list-style-type: none"><li>Analyzed fire growth and sprinkler activation behavior in a shopping mall scenario.</li><li>Studied heat release rate, temperature distribution, and smoke movement.</li><li>Evaluated effectiveness of sprinkler system in controlling fire spread.</li><li>Assessed fire suppression performance based on safety standards.</li></ul>	Own

## EDUCATION

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<b>Bangladesh Army University of Science and Technology</b> <i>Bachelor of Science in Mechanical Engineering (BSc in ME)</i>	2019 - 2024 <i>Saidpur, Bangladesh</i>
<b>Saidpur Government Science College</b> <i>Secondary School Certificate (SSC), Higher Secondary School Certificate (HSC)</i>	2005 - 2017 <i>Nilphamary, Bangladesh</i>