

# MD ANAMUL HASAN

## PROJECT MANAGER | MECHANICAL ENGINEER

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Mechanical Engineer with expertise in Mechanical and Industrial design, PDM, and PLM. Skilled in efficient Design and engineering project management and CAD software customization for optimal product development and design. Experienced in parametric modeling and drafting and well-versed in industry standards. Driven to achieve company goals and shape the future of relevant fields. Looking for an opportunity to demonstrate CAD proficiency and add value to a dynamic organization.



### SKILLS

#### ● Key Skills

- Mechanical Design Principles
- Product Design & Development
- Manufacturing Processes
- Design for Manufacturing & Assembly (DFMA)
- Geometric Dimensioning and Tolerancing (GD&T)
- 3D Modeling and Parametric Design
- Systems and Mechanisms
- Automation and Customization
- Design Standards and Regulations
- Project Management
- BOM for Manufacturing Design
- PDM & PLM
- Mockup Design & Prototyping
- Reverse Engineering
- Sustainability in Product Design

#### ● Programming Language

- C, C++, C#
- Python

#### ● Office Package

- Word, Excel, PowerPoint
- Project

#### ● Soft Skills

- Adaptability
- Communication
- Teamwork
- Analytical & Problem-solving
- Leadership
- Time Management
- Conflict Resolution

#### ● Software Skills

- CAD Software –
  - Autodesk AutoCAD
  - Autodesk Inventor
  - SolidWorks
  - Siemens NX
- PDM/PLM Software –
  - Teamcenter
  - Aton
- FEA & Simulation Software –
  - Ansys
  - COMSOL Multiphysics
- Rendering & Graphic Software –
  - KeyShot
  - Adobe Photoshop
  - Adobe Illustrator



### WORK EXPERIENCE

#### BJIT Ltd.

##### *Project Manager*

*Dhaka, BD*

*Jul 2024 - Present*

- Directed cross-functional teams, ensuring project delivery within budget and timelines while exceeding stakeholder expectations.
- Led automation initiatives, increasing team productivity by 30% and optimizing design workflows.
- Facilitated clear communication between clients, engineers, and stakeholders, driving successful project outcomes.
- Reduced design cycle time by 25% while maintaining 99% design accuracy and adhering to project specifications.
- Delivered high-quality results by leveraging Siemens NX and Teamcenter PLM, ensuring efficient project management and execution.

**BJIT Ltd.**

*Dhaka, BD*

**Senior Mechanical Design Engineer**

*Oct 2021 - Jun 2024*

- Led a team of 5 engineers, consistently delivering design projects within budget and deadlines, increasing team productivity by 30%.
- Integrated Teamcenter PLM to automate design processes, reducing the design cycle time by 25% and addressing complex technical challenges.
- Delivered precise 2D/3D models with 99% accuracy using Siemens NX, ensuring compliance with design specifications.
- Mentored team members, maintaining high-quality deliverables that met global standards, with 90%+ quality ratings.

**BJIT Ltd.**

*Dhaka, BD*

**Mechanical Design Engineer**

*Sep 2018 - Sep 2021*

- Created highly accurate 2D and 3D models in Siemens NX, maintaining a 99% precision rate in all designs.
- Enhanced product functionality and customer satisfaction by 30% through the implementation of innovative design solutions.
- Streamlined design processes with Teamcenter, reducing the overall design cycle time by 25% and improving quality by 15%.
- Worked closely with cross-functional teams to incorporate feedback and meet design and project objectives effectively.

**Pran-RFL Group.**

*Dhaka, BD*

**Mechanical Design Engineer**

*Sep 2017 - Aug 2018*

- Designed household and office products using CAD, leading to a 20% increase in sales through innovative designs.
- Developed precise digital prototypes with a 95% success rate during testing, ensuring product feasibility and performance.
- Improved product quality by selecting optimal materials, resulting in over 90% customer satisfaction and a 15% reduction in defects.
- Successfully collaborated with teams to deliver products 25% ahead of schedule while staying within budget.



## EDUCATION

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**Khulna University of Engineering & Technology (KUET).**

*Khulna, BD*

**BSc in Mechanical Engineering**

*Mar 2013 – Mar 2017*

- Demonstrated academic excellence and ranked among the top performers.
- Mentored members of LOOP (Control Engineering Club), enhancing their knowledge and skills.
- Optimized resource allocation and IT efficiency as the Resource & IT Officer for CADers (CAD Club).
- Conducted comprehensive AutoCAD and SolidWorks training workshops, equipping over 50 students.



## LANGUAGE

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- Bengali (Native)
- English (Professional working proficiency)



## CERTIFICATIONS & AWARDS

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- **Google Project Management Certificate** [Coursera | Google] *Mar 2023*
- **SOLIDWORKS Champion** *Nov 2021 - Present*
- **Certified Solidworks Expert** [Dassault Systèmes] *Jul 2021*
  - CSWE–Mechanical Design
- **Certified Solidworks Professional** [Dassault Systèmes] *Dec 2021*
  - CSWP–Mechanical Design
- **Certified Solidworks Professional Advanced** [Dassault Systèmes] *Mar 2021 - Apr 2024*
  - Surfacing; Drawing Tools; Sheet Metal; Weldments; Mold Making;