

MOSTAFIJUR RAHMAN

MECHANICAL ENGINEER

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Address: Post Office Road, Fatullah, Narayanganj, Bangladesh



CAREER OBJECTIVE

An ambitious, highly analytical **Mechanical Engineer** combining solid academic foundations from China with immersive experience in high-pressure thermal power infrastructure and industrial machinery maintenance. Proficient in executing intricate mechanical diagnostics, preventative engineering scheduling, and operational continuous-improvement asset management. Adept at cross-cultural technical collaborations utilizing bilingual competence (English & HSK-3 Chinese) alongside advanced computational workflows in SolidWorks and AutoCAD. Seeking to drive technical performance excellence, engineering risk mitigation, and robust mechanical scalability within a world-class production or energy environment.

WORK EXPERIENCE

Service Engineer – China Power Co. Ltd., Patuakhali, Barishal July 2023 – July 2025

- Directed daily operational oversight, lifecycle performance tracking, and shift workflows of critical mechanical units inside a major thermal power facility.
- Executed root-cause diagnostics, structural troubleshooting, and overhauls on heavy rotary equipment, including high-pressure steam turbines, thermal boilers, and major fluid feed pumps.
- Leveraged HSK-3 Chinese proficiency to facilitate operational communication, tech transfers, and blueprint audits between native staff and foreign technical experts.
- Generated precise shift safety audits, defect logs, asset evaluations, and preventative maintenance reports for the executive team.

Assistant Engineer – Fatullah Dyeing & Calendering Mills Ltd., Narayanganj October 2025 – Present

- Oversee runtime efficiency and precision alignment schedules for specialized textile machinery including high-capacity boilers, calendering systems, and multi-zone stenters.
- Troubleshoot real-time plant floor disruptions involving pneumatic operations, heavy drive mechanisms, and corporate fluid distribution piping.
- Collaborate directly with the General Manager of Maintenance to develop stringent equipment validation tests and minimize line-wide mechanical downtime.

EDUCATION

Degree / Title	Institution	Year	Result
B.Sc. in Mechanical Engineering	Hunan University of Technology, China	2022	CGPA 2.83 / 4.00
Diploma in Mechanical Technology	Dhaka Polytechnic Institute, Dhaka	2017	CGPA 2.97 / 4.00
Professional Diploma in CADD & SolidWorks	CADD Centre, Uttara, Dhaka	2016	First Class
Secondary School Certificate (S.S.C)	Madhupur M.L High School, Mymensingh	2013	GPA 4.69 / 5.00

TECHNICAL SKILLS & PROFESSIONAL TRAINING

CAD Modeling	SolidWorks (2D/3D parts & assembly modeling), AutoCAD (Comprehensive plant drafting)
Industrial Core	3-Month Intensive Industrial Attachment — Bangladesh Industrial Technical Assistance Centre (BITAC)
Languages	Chinese (HSK-3 Certified), English (Professional), Bengali (Native), Hindi
IT & Software	MS Office Suite (Advanced Excel data logs, Word, PowerPoint), Adobe Photoshop

KEY STRENGTHS

- Advanced Troubleshooting:** Exceptional capability in tracing systems-level stress factors and implementing rigorous engineering workarounds.

- **Cross-Cultural Technical Leadership:** Experienced in bridging cultural and communicative structures on multinational project sites to maintain strict timelines.
- **Asset Stewardship:** Highly structured focus on industrial occupational health, equipment integrity, and machine safety compliance.

PERSONAL DATA

DOB:	17 Dec 1997	Gender:	Male
Status:	Single	Height:	5'-7"
Nationality:	Bangladeshi	Address:	Vill: Vati Char Now Para, P.O: Char Para, Upazila: Ishwarganj, Dist: Mymensingh

REFERENCES

Professor Yu Tianlan

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Md. Fazlul Haque Tuser

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