



Personal Info

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Chawliapatty, Dinajpur.

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LinkedIn

[Arovin al nayem | LinkedIn](#)

Technical Skills

- Microsoft Office (MS Excel, MS Word, MS PowerPoint)
- ArcGIS
- AutoCAD
- SPSS
- Graphic Design

Soft Skills

- Team Work & Leadership
- Presentation
- Problem Solving and Critical Thinking
- Planning & Proper Execution
- Communication

Language

- Bangla
Level: Fluent
- English
Level: Proficient

MD. AROVIN AL NAYEM

Career Objective

To excel as an Engineer by leveraging my strong analytical skills, technical expertise, and experience in process optimization and project management. With a background in engineering, proficiency in Microsoft Office, and hands-on experience in industrial operations and safety protocols, I aim to streamline processes, enhance operational efficiency, and drive organizational success. My goal is to contribute to seamless workflow management, effective resource allocation, and the achievement of key performance metrics.

Industrial Training & Courses

Training Institute for Chemical Industries

- Successfully completed a month-long hands-on training program emphasizing Workshop Technology, Process Plant Machinery, Industrial Safety and Health, and Instrumentation & Control Engineering.
- Acquired practical experience in Fire Hazards and Fire Protection Systems, Explosion Hazards, the proper utilization of Personal Protective Equipment (PPE), and Industrial Water Treatment Processes.

Introduction to Production Planning and Control from ALISON

- Understood the purpose and scope of production planning and control, distinguishing between planning and control. Learned about material requirement planning (MRP) objectives, Gantt charts, the critical ratio rule, and priority sequencing in production workflows.

Professional Diploma in Project Management From Udemy

by MTF Institute of Management, Technology and Finance

- gain a deep understanding of Project Management methodologies and lifecycle to manage projects efficiently. It develops skills in risk assessment, stakeholder communication, and resource optimization for successful execution.

30-hour General Industry Safety and Health Program from OSHAcademy

- covers key topics like OSHA standards, hazard identification, PPE, emergency planning, electrical safety, and ergonomics. Participants learn to prevent workplace hazards, implement safety programs, and comply with OSHA regulations. The course equips workers and managers with practical skills to create a safer, healthier work environment.

The Knights of Safety Academy

- ISO 9001:2015 Quality Management System Foundations
- Fire Safety Induction

Professional Outsourcing Training from Learning & Earning Development Project, Bangladesh

- equips participants with technical and soft skills like communication, IT proficiency, and data management, aligned with global industry standards. It prepares individuals for remote work, freelancing, and outsourcing careers, enhancing job readiness and economic opportunities.

Hobby

- Designing
- Gardening
- Music

Reference

Dr. Zayed Sharmin

Professor

Dept. of PSS, SUST.

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MD. Abdullah Al

Numanbakth

Assistant Professor

Dept of PME, SUST

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Education

- **Master of Science in Chemical Engineering & Polymer Science**
Shahjalal University of Science & Technology, Sylhet.
Session: 2024 – Running | CGPA: Appeared
- **Bachelor of Science in Petroleum & Mining Engineering**
Shahjalal University of Science & Technology, Sylhet.
Session: 2018-2023 | CGPA: 2.89
- **Higher Secondary Certificate**
Dinajpur Adarsha College, Dinajpur.
Session: 2015-2017 | GPA: 4.56
- **Secondary School Certificate**
Tofi Uddin Memorial High School, Dinajpur.
Session: 2015 | GPA: 5.00

Thesis

Post: Research Assistant

- Evaluation of Groundwater Quality and Potential Health Risks in the Tengratila Gas Field Blowout Region, Bangladesh: An In-Depth Analysis Utilizing Multivariate Statistics, Heavy Metal Indices and Monte Carlo Simulation.
Link: <https://doi.org/10.1016/j.jhazmat.2025.137744>
- Assessing Soil Quality and Heavy Metal Pollution in the Gas Blowout Area of Tengratila Gas Field, Chattak, Bangladesh: A Multivariate Statistical Approach and Heavy Metal Pollution Indices Analysis

Industrial Visit

Barapukuria Coal Mine

- Conducted an inspection of the Longwall Top Coal Caving (LTCC) mining method at a depth of 470 meters.
- Visited the subsidence area to evaluate the impacts and challenges related to mining activities.

Maddhapara Granite Mine

- Obtained firsthand visual knowledge of the mine's dewatering and drainage system.
- Engaged with industry professionals and workers to gain valuable insights into operational practices.

Organizing Skills

- **Joint Secretary at KIN, A Voluntary Organization of SUST**
Oct 7, 2021 - Feb 7, 2023
- **Assistant Blood Secretary at KIN, A Voluntary Organization of SUST**
May 21, 2020-Sep 10, 2021
- **Education Development Secretary at KIN, A Voluntary Organization of SUST**
Feb14, 2019-Jan 10, 2020