
Noon Abdelbagi Mohammed Ali

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Objective

Results-driven Chemical Engineer with over 2 years of experience in process design, optimization, and project management within the chemical manufacturing industry. Proven expertise in chemical reaction engineering, thermodynamics, and fluid mechanics, with a strong ability to develop and implement efficient, cost-effective solutions to complex engineering problems. Able to use simulation software such as HYSYS and Matlab to enhance process performance and ensure compliance with environmental and safety regulations. Demonstrated leadership in cross-functional teams, combined with excellent analytical, problem-solving, and communication skills. Committed to driving innovation and continuous improvement in all aspects of chemical engineering processes

Education

- **University Of Khartoum , Khartoum, Sudan**
B.CS.Chemical engineering First Degree with Honor
CGPA (7.12)
- **Thesis Title : NATURAL GAS TO BTX (Benzene, Toluene and Xylene)**
Project Supervisor: Profesor Kamal Eldin Eltayeb

Experience

- **Amipharma laboratories ltd.** November 2021 - Present
Raw materials Store officer
 - Applying the latest Good storage practices (GSP) guidelines for Raw materials in storing facilities.
 - +2 years Experience.
 - Compiled detailed reports on production and inventory changes.
 - Compiled counts and prepared documents for incoming and outgoing stocks.
 - Followed procedures to maintain accurate stock counts and organized storage systems.
 - Collaborated with team members to develop and implement an Excel-based locating system for raw materials, improving retrieval efficiency and reducing search time.
 - Managed the continuous updating of inventory data, tracking each dispatch and reducing quantities in real time, streamlining material flow to production.
 - Enhanced production readiness and overall operational efficiency, leading to faster production turnaround and added value to company processes.
- **University of Khartoum** February 2021 - August 2021
Teacher assistant
 - Organizing and guiding activities for students including skill practice and research.
 - +6 month Experience.
 - Offered individual tutoring , home work help and exam support.
 - Facilities smooth running activities through effective collaboration with teachers.
 - Collaborated with tutors and teachers to assess student needs and provide required support.

Skills

- Health and safety Skills(HSE)
- Project Management Skills
- Basic Computer Skills
- Matlab Software
- Advanced Excel Skills
- Decision making
- Team leading
- Problem solving
- Lean Manufacturing Principles
- Warehouse operations
- Stock management
- Shipment planning
- Quality assurance writing and documentation
- process Design

Projects

- **Paper Industry from Banana Stalks**
A project experiment was tried in University of Khartoum Engineering week 2017
- **Ethanol Production From Lingocellulosic Biomass**
Semi final year project research

Interests

- Drawing portraits and landscapes
- Teaching
- DIY intrest
- Cooking desserts
- Reading human development books

Activities

- Member at American Institute of Chemical Engineers (AIChE)
- Member at Society of Petroleum Engineers (SPE)
- Member at Arhictora group of art _ University of Khartoum

Languages

- English (level B1)
- Arabic (native)
- Spanish (level A1)

Personal Details

- Date of Birth : 31/8/1997
- Nationality : Sudanese

References

- Avaliable upon request

Training

- **Amipharma laboratories ltd.**
Responsible for supervising and improving production at plant.
- **Natural plastic industrial**
Industry knowledge (injection molding, plow molding and heat transfer machines).
- **Cement Industry in Atbara,Altakamol and Alsalam**
- **Sudanese Standards & Metrology Organization (SSMO)**

Courses

- Advanced Excel skills _ Excel
- Occupational health and safety: Nebosh preparation _ Mr. safety for Training
- Course English for the work place _ Edraak
- Total quality management system _ Mr. safety for Training
- Google project management _ coursera.org
- Six sigma principles _ coursera.org
- Six sigma tools for define and measure _ coursera.org
- Six sigma tools for analyze _ coursera.org