





# AKHIL ELDHOSE

## CHEMICAL ENGINEER

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Dubai, UAE 

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## EDUCATION

A P J ABDUL KALAM  
TECHNOLOGICAL UNIVERSITY

B- Tech in Chemical Engineering

CGPA : 7.74    2016 - 2020

## SKILLS

- Problem solving
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- Adaptability and Flexibility
- Auto CAD
- MS Excel, Word and Powerpoint

## LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Tamil (Fluent)
- Malayalam (Native)

## REFERENCE

Arjun P Suresh

Sr. Production Manager  
Plant Lipids Pvt Ltd

 arjun.suresh@plantlipids.com

## PROFILE INFO

Experienced Chemical Engineer with over 2 years in the Chemical industry, adept in interpersonal communication, organization, and multitasking. Skilled in ensuring safe and efficient production operations, trained in process simulation, plant management, and emergency troubleshooting. Eager to contribute to a dynamic organization's growth by applying my expertise effectively.

## WORK EXPERIENCE

### Engineer - Production

Plant Lipids Private Limited  
Kerala, India

27/04/2023 - 12/06/2024

- Successfully managed the production of multiple products to meet the customer specifications and quality standards.
- Developed and implemented process improvement plans to reduce cost and improve quality.
- Established safety protocols to ensure safe and efficient production environment.
- Monitored and maintained production machinery to ensure optimal performance.
- Created detailed production reports to track the progress and evaluate the performance of production plants.
- Prepared P&ID of the production plants and helped to make corrections in the existing P&IDs.
- Performed HAZOP study and prepared reports for safe operating environment
- Maintaining accurate records of production activities, process parameters, quality control tests, and batch records for traceability and regulatory compliance.
- Providing training and supervision to production staff on operating procedures, safety protocols, and quality standards to ensure smooth operations.
- Collaborating with R&D teams to develop new extraction techniques, improve existing processes, and explore innovative methods for spice extraction.

### Shift Incharge- Effluent Treatment plant

Akay Natural Ingredients Pvt Ltd  
Kerala, India

16/01/ 2023 - 25/04/2023

- Supervising the day-to-day operation of the effluent treatment plant (ETP), ensuring compliance with safety and environmental regulations.
- Directing and coordinating the activities of plant operators and technicians, including scheduling, training, and performance management.

## PERSONAL INFO

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- Marital status: unmarried
- DOB : 25/02/1998
- Visa type: Visiting
- ready to join immediately

- Addressing operational issues, troubleshooting equipment malfunctions, and implementing corrective actions as needed.
- Maintaining accurate records of plant operations, including production data, maintenance logs, and regulatory compliance reports.
- Enforcing safety protocols and ensuring adherence to environmental, health, and safety regulations.
- Identifying opportunities for efficiency improvements and implementing process enhancements to optimize plant performance.
- Liaising with regulatory agencies, management, and other departments to communicate plant performance, issues, and compliance matters.
- Planning and overseeing maintenance activities to ensure optimal functioning of equipment and systems within the ETP.
- Monitoring effluent quality and ensuring that treated water meets regulatory standards before discharge.

### Plant Operator

Travancore Cochin Chemicals Ltd  
Kerala, India

23/12/ 2021 - 22/12/2022

- Operating and monitoring various equipment and systems within the Chlor Alkali plant, including electrolyzers, brine purification systems, chlorine compressors, and caustic handling equipment.
- Controlling and adjusting process variables such as temperature, pressure, flow rates, and chemical concentrations to ensure safe and efficient operation.
- Adhering strictly to safety protocols and procedures to prevent accidents and ensure a safe working environment.
- Monitoring product quality through regular sampling and testing, ensuring that chlorine gas, sodium hydroxide (caustic soda), and hydrogen produced meet specified standards.
- Assisting maintenance personnel in performing routine maintenance tasks and troubleshooting equipment issues as they arise.
- Being prepared to respond promptly and effectively to emergencies, such as equipment failures, leaks, or spills, to minimize downtime and mitigate potential hazards.
- Maintaining accurate logs and records of plant operations, including production data, process parameters, equipment maintenance, and safety inspections.
- Working closely with other plant operators, maintenance technicians, and supervisors to ensure smooth coordination and communication across shifts.
- Identifying opportunities for process optimization, efficiency improvements, and cost reduction initiatives within the Chlor Alkali production process.

### DECLARATION

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I hereby declare that the information furnished above is true to the best of my knowledge and belief.