

Alok jayaraj

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📅 31/01/1999

Professional Experience

01/2022 – 01/2023

Data Analyst (Engineer L1), YED CONNECT

- Conducted data analysis using tools such as Python, SQL, and Excel to extract insights from large datasets.
- Cleaned and transformed raw data to ensure accuracy and validity, improving data quality.
- Created and maintained automated reports and dashboards to provide actionable insights to stakeholders.
- Collaborated with cross-functional teams to identify business requirements and provide data-driven solutions.
- Presented findings and recommendations to non-technical audiences, translating complex insights into understandable terms using visualization tools(Power BI).
- Assisted in designing and implementing data collection processes, ensuring data integrity and consistency.

Education

08/2016 – 11/2020

Ernakulam, India

B.Tech Mechanical, Adi Shankara Institute of Engineering and Technology

CGPA : 8.37

06/2014 – 03/2016

Vadakara, India

Intermediate, JNMGHSS, PUDUPPANAM (STATE BOARD)

Percentage: 95.42

03/2014

Vadakara, India

SSLC, Amrutha Public School (CBSE)

CGPA : 9.6

Internship

10-day internship at Cochin Shipyard Limited

Departments : Quality Assurance and Quality Control, Machining, Fire and Safety, Ship Building and Repair.

Assisted in quality control of the material used in making parts for ship building repairs.

Project

Main project : Borewell rescue equipment ,a rescue equipment that could rescue children trapped in borewell. Parts were designed and fabricated during the project.

Courses

CAD using CATIA, CIPET

MEP Designing And Drafting With Estimation, STED Council

- Heat Load Calculation by manually and using HAP software.
- Duct design by manually and using duct design software.
- Static pressure calculation for Ducts.
- Chilled water piping design as per ASHRAE standard.
- Energy analysis manually and using HAP.

Skills

AUTOCAD

CATIA

Revit for Mechanical, Electrical and Plumbing

Hourly Analysis Program (HAP)

HTML, CSS, Javascript

Python

SQL

Microsoft Power BI

Languages

English (*IELTS : 7.0*) | **Malayalam** | **Hindi**

Personal Strength

- Flexible to work anywhere.
- Continuous learner and willingness to improve with experience.
- Good problem solving and decision making skill.
- Good organizational skills.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Alok Jayaraj

Vadakara