



Aravind Vinjamur Murali

Roll No.:21102057

Your Course

Chemical Engineering

Indian Institute Of Technology,Kanpur

+91-9160889570

vinjamurmuraliaravind@gmail.com

aravindvm21@iitk.ac.in

Github | Website

linkedin.com/in/linkedinuser

EDUCATION

| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
|--------------------|--|-----------------|--------------|
| M.Tech. (CHE) | Indian Institute of Technology, Kanpur | 8.4 (Current) | 2021-Present |
| B.Tech. (CHE) | Sri Venkateswara University, Tirupati | 8.6 | 2017-2021 |
| Senior Secondary | BIEAP Board | 98.6% | 2017 |
| Secondary | BIEAP Board | 97% | 2015 |

ACADEMIC PROJECTS

- Recycling Of Lithium-Ion Batteries** May 2022-Ongoing
Mentor: Dr. Raju Kumar Gupta, Dept: Chemical Engineering, IIT Kanpur
– With growing emphasis on energy crisis and env pollution REcycling of LIBs are very important aspects..
– Developed a plugin that simplified the debugging process by differentiating log messages with a different colour that helped the support team while investigating incidents.
- Production Of Ethylene Glycol** Jan.2021 - May.2021
Mentor:Dr.B.Sarath Babu,S.V. University
– Ethylene glycol is very important chemical used across the industries forv its highly applicable and versatile properties.
– Made website mobile-friendly and increased Google web dev score by 50 points.
- Design Of Pump** May.2019 - June.2019
Mentor:Mr.M.Prasad,Assistant Manager,Amara Raja Batteries Limited
– Ethylene glycol is very important chemical used across the industries forv its highly applicable and versatile properties.
– Pump design is very important characteristics and is widely significant in its applications.

PROJECTS

- Project Tracker** Feb. 2022
Developed progress tracker for clients to track payments, progress, meetings.
– **Tools & technologies used:** NextJs/ReactJS, Strapi/Node, Tailwind/CSS
- What To Watch Next** Dec. 2021 - Jan. 2022
Content based Movie Recommendation system that recommends 5 other movie based on a given movie. Live Url | Github
- Kisan Mitra(SIH 2019)** Feb. 2019 - Mar. 2019
Web Portal for Ministry of Agriculture to view the predicted crop yield data in geo-refrenced map. Github
– **Tools & technologies used:** QGIS, Java, HTML, CSS, JS, ChartistJS
– Created APIs to fetch crop production data and displayed them into Geo-refrenced Map.

KEY COURSES TAKEN

- Data Structure,Algorithms,DBMS,Machine Learning, Artificial Intelligence, Web Services, Operating System

TECHNICAL SKILLS

- Programming:** C/C++,Python,R,JavaScript,SQL
- Tools & OS:** Git, Jupyter Notebook,Google Colab, Linux, Windows
- Libraries/Frameworks:** Pandas, Numpy, scikit-learn, JQuery
- Web Skills:** HTML/CSS/JS, ReactJS/NextJS

POSITIONS OF RESPONSIBILITY

- Assistant Head Coordinator**, Training & Placement Cell, IIT Patna Present
- General Secretary**,Nexus Coding Club, IEM Kolkata Apr. 2018 - Apr. 2019

ACHIEVEMENTS

- Secured 1st Position** Smart India Hackathon, MHRD, Government of India. Won prize of 1Lakh INR. 2019
- Winner** Web Designing Competition(URECKON'18) organized by University of Engineering & Management, ISRO 2018
- Github Arctic Code Vault Contributor** Contributed code to several repositories in the 2020 GitHub Archive Program 2020

CERTIFICATIONS

- Datacamp Certification on Introduction to R
 - NPTEL Certification on Database Management System
 - Internshala Certification on Web Developmet
-