



Aravind Vinjamur Murali

Roll No.:21102057

Your Course

Chemical Engineering

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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 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 Tirupati
 - 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.

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