Aravind Vinjamur Murali

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Your Course
Chemical Engineering
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EDUCATION

Year	Degree/Certificate	Institute/Board	CGPA/Percentage
2021-Present	M.Tech. (CHE)	Indian Institute of Technology, Kanpur	8.4 (Current)
2017-2021	B.Tech. (CHE)	Sri Venkateswara University, Tirupati	8.6
2017	Senior Secondary	BIEAP Board	98.60%
2015	Secondary	BIEAP Board	97%

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.

- **Design Of Pump** *May.2019 - June.2019*

  Mentor:Mr.M.Prasad,Assistant Manager,Amara Raja Batteries Limited Tirupati
  – 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