



KADAMBALA MEGHANA

B.Tech – Mechanical Engineering - IIT(ISM)Dhanbad

19JE0411

Phone: +91-9390232585

@ kadambalameghana.19je0411@mech.iitism.ac.in @Github @LinkedIn



EXPERIENCE

Fincru Limited, UI UX Designer

June 2021 - AUGUST 2021

I created user-centered designs by identifying business requirements and user feedback, then translating them into style guidelines, design patterns, and appealing user interface.

The Indian Steel and Wire Product Limited (ISWPL) – A Subsidiary of Tata Steel Limited, Summer Intern

May 2022 - Current

Using value stream mapping, process activity mapping, data analysis, and a simulation model, I proposed an approach for decreasing VIVO time. In addition, I developed a machine learning model that can predict in vivo time.

PROJECTS

Reservation App Project – Full Stack Web App

MERN stack hotel reservation app project which allows us to book hotels in a user friendly way.

Tech: React Node.js, MongoDB using Context API, JWT, custom hooks, and React calendar.

Link: [Reservation App](#)

Vaccination Management System – C++

This programme allows admin to upload up to date data of vaccine availability and allows user to register for vaccination.

Link: [Vaccination management system](#)

Music App Project – Web Application

This programme allows us to listen to music and includes features such as random song selection, repeating a song, and moving to the previous and next song.

Tech: HTML, CSS, Javascript

Link: [Music Web App](#)

Rock, Paper, and Scissors — Web development

Designed Rock, Paper, and Scissors game where users can play with a computer.

Tech: HTML, CSS, Javascript

Link: [Rock, Paper, and Scissors](#)

Otto cycle & Diesel cycle Simulator — Matlab

A simulation of an ideal diesel cycle and an Otto cycle which measures efficiency, torque, net-work production, and engine's thermal efficiency by drawing a P-V diagram

Link: [Otto cycle and Diesel cycle simulator](#)

ECO FRIENDLY APP — UI UX Design

This App allows you to know everything about environment.

Link: [ECO APP](#)

EDUCATION

Indian Institute of Technology (ISM),

Dhanbad — Bachelor of Technology in Mechanical Engineering

JULY 2019 - MAY 2023

CGPA – 8.33

MP and EV English Medium School, Visakhapatnam(Andhrapradesh)

12th - APRIL 2017 - APRIL 2019 - 94.8%

Narayana Group of Schools,

Srikakulam(Andhrapradesh)

10th - APRIL 2016 - APRIL 2017 - 10.0Gpa

SKILLS

- **Languages:** C, C++, Python(Basics), Sql, Postgresql, Matlab, Data structures(Basics) and Android Development.

- **Web development:** HTML, CSS,

JavaScript, React

- **Design:** UI UX, Adobe Photoshop

- **Others:** AutoCAD

- **Tools:** VisualStudio, Sublime Text Editor, Atom, AdobeXD, AutoCAD, Adobe Photoshop, Android Studio, Matlab.

ACHIEVEMENTS

- Winner of **National Design Awards** in UI/UX stream conducted by MIT-WPU, Pune

- Received Student of the year award from LIC

- Did **Industrial training** at Hindustan Shipyard Limited.

- Got 4th position in Rock the wagon, a car racing event at the technical fest of IIT ISM DHANBAD.

POSITIONS OF RESPONSIBILITY

- Member of Artfreaks club(Official art club of IIT ISM DHANBAD).

- Social media (Youtube) manager of Artfreaks club.

EXTRACURRICULARS

- Painting and Sketching.

- Video Editing.

- Event Planning.