Kadambala Meghana

B.Tech – Mechanical Engineering

IIT(ISM)Dhanbad

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EXPERIENCE

Fincrue Limited, UI UX Designer

June 2021 - AUGUST 2021

Created user-centered designs by understanding business requirements,user feedback and user flows, wireframes, prototypes, and mockups transplanting requirements into style guides, design patterns, and attractive user interfaces

Hindustan Shipyard Limited, Industrial Trainee

As a trainee, I took the opportunity of learning and experiencing real–time manufacturing at HSL and learned a lot about shipbuilding, various parts of the ship, their manufacturing, and integration. And also explored tugs, ships like ICGS Shaunak and Swaraj Dweep.

Training Certificate

PROJECTS

SMAPSY — UX Case Study of Instagram redesign

Redesigned Instagram by solving the current problems of users, added additional features that most users want, and made some implementations that solve privacy-related problems.

Instagram Redesign

SPRING–POWERED CAR TOY

Practically applied the knowledge of manufacturing processes in car making and used the concept of energy conversion for the movement of cars by converting spring energy to kinetic energy.

Otto cycle & Diesel cycle Simulator— Matlab

Simulation of an ideal diesel cycle and otto cycle based on end-user-driven data. Obtain efficiency, Torque, and net-work output from a simulated diesel cycle. Understand the influence of compression ratio, cut-off ratio, and stroke length on efficiency, thermal efficiency , P–V diagram for an ideal otto cycle .

Otto cycle and diesel cycle simulator

Facebook clone — Web Development

Designed a responsive home page of Facebook.

Facebook Clone

Rock, Paper, and Scissors — Web development

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

Rock, Paper, and Scissors

Instant Chat with Doctors— UI UX Design

Designed a user-friendly app that allows users to find doctors they need easily and quickly and designed a medium to contact doctors instantly.

EDUCATION

Indian Institute of Technology (ISM), Dhanbad —Bachelor of Technology in Mechanical Engineering

JULY 2019 - MAY 2023 **CGPA – 8.28409**

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), Matlab Data structures(Basics) and Android Development.

- **Web development:** HTML, CSS,Git,Postman, JavaScript,React.

- **Design:** UI UX, Adobe Photoshop
- **Others:** AutoCAD ,Matlab

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

ACHIEVEMENTS

- Received Student of the year award from LIC

- 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.