Abhishek Maitra

Engineering Application Developer

4 years of experience of working as an Application Developer to build a CAD software (built on AML, a Lisp based framework). Really enjoy JavaScript, HTML and CSS. Always in awe of a well designed and well styled website. Currently working with REACT.

✉ abhishekmaitra18@gmail.com 📱 9953322126 📍 faridabad in linkedin.com/in/abhishek-maitra

WORK EXPERIENCE

Engineering Application Developer
TechnoSoft Inc via Greenleaf Engineering Ltd

03/2020 - Present   *Noida*

Achievements/Tasks

- Working on LISP programming language, AML Framework (an object-oriented, knowledge based engineering modeling framework for developing Engineering Applications).
- Developing an interactive tool for Designing and Detailing of Storage Tanks (with compliance to API 650)
- Currently working on a feature to auto generate General Arrangement and Detail Drawings for every 3D component. Can be exported in different formats.

Design Engineer
TechnoSoft Inc via Greenleaf Engineering Ltd

09/2018 - 03/2020   *Noida, Uttar Pradesh*

Achievements/Tasks

- Read and interpret technical drawings, schematics and Scope of work.
- 3D Modelling and Analysis of Storage Tanks.
- Make a Detail calculation\assessment report for the client.

Jr Mechanical Engineer
Fortuna Colors and Prints

06/2018 - 09/2018   *Gurugram, Haryana*

Achievements/Tasks

- Design and develop High Speed Industrial Inkjet printers (Speed Master, Amica and Mimaki)
- Provide real time solutions to clients (either remotely or On site)
- Perform time to time safety inspections for clients in remote locations.

EDUCATION

B.Tech
Apeejay Stya University

03/2014 - 03/2018   *Gurugram, Haryana*

Courses

- Mechanical Engineering & Product Design (Aggregate : 81%)

SKILLS

Skill	Level
Javascript	●●●●○
HTML5	●●●○○
CSS3	●●●○○
REACT	●●●○○
DSA	●●●○○
TDD/Jest	●●○○○

PERSONAL PROJECTS

1. React Weather App

- Built a Weather App on React using Open Weather API. Features include Current Weather of a City on search and weather forecast for the next 7 days.
- Implemented state management using React Hooks, state uplifting, worked with async functions and implemented debouncing.
- Woked on CSS3 for styling the Frontend UI.

2. React ChatApp

- Built a Chat App using React for the Frontend and Firebase for Authentication and Backend database.
- The Application asks user for a Google authentication upon which the user can enter into a Room to start having a conversation. Have used Firebase to implement Sign In with Google.
- Have implemented use of Cookies to store the User Token upon Sign In using Universal Cookie.
- Have used Firestore to create a collection for storing the text messages type by the user.
- Have used React Hooks like useState, useEffect and useRef for managing and controlling the state of the components in this Application. Also implemented the useEffect cleanup for better performance.

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

Bengali
Native or Bilingual Proficiency

INTEREST

Writing   StoryTelling