

ARPANA SITOULA

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EDUCATION

Emerald Academy
+2 (Science)

Aug 2016- May 2018

Bhadrapur, Jhapa

GPA: 3.3

Mechi Multiple Campus
Bachelor of Science
Bhadrapur, Jhapa

Nov 2018 - Present

EXPERIENCE

Freelancing

Graphics Designing

May 2021- Oct 2022

- Illustrated Retro Robot for Forex Trading Company
- Designed vector logo for small business
- Designed UI/UX for mental health app (Daisy)

PERSONAL PROJECITS

Data Science

Comparative Study of Tree Methods

- Tested different tree methods: Decision tree, Random Forest classifier on kyphosis datasets.
- Compared those models on the based on various evaluation metrics such as precision, accuracy, confusion matrix, recall and F1-score.

Tuning hyperparameters of GBM using Genetic Algorithm

- Built Genetic Algorithm model from scratch and deployed it with Gradient Boosting Model to optimized their parameters.
- Deployed the model for the credit card fraud detection.
- Also built Logistic Regression model from scratch to compare its performance with XGBoost.

Web Development

Basic Calculator

- Developed a basic calculator app using React JS, Vanilla CSS and HTML.

Text Editor

- Developed a user-friendly responsive interface utilizing Bootstrap's components, React JS and HTML.
- Implemented essential text editing features such as bold, italic, underline, copy, highlights, word counts, paragraph counts.

User Rating App

- Developed a user rating app as a part of a Frontend Mentor challenge, utilizing React JS, HTML and SCSS.
- Implemented functionality to capture user rating and display a notification on another page using the routing and navigation feature of React Js.

Age Calculator App

- Created Age Calculator application using React Js, HTML and SCSS as a part of challenge of frontend mentor.
- Designed responsive user interface where user can enter their date of birth and view their age in years, months and days.
- Applied logic to calculate the precise age, taking into account leap years and different month lengths.
- Implemented validation to ensure accurate input, checking for valid date formats and preventing invalid entries.

FIFA News App

- Developed a FIFA news app using React JS, HTML, CSS, and Bootstrap to provide users with up-to-date news related to football sports.
- Integrated the News API to fetch the latest football news and display it in a user-friendly manner.
- Utilized React JS to manage the app's state, handle API requests, and render the news articles dynamically.

E-commerce Website

- Developed gadgets e-commerce app with a responsive layout using HTML, basic JavaScript, and Tailwind CSS.
- Implemented a visually appealing and user-friendly interface utilizing Tailwind CSS's utility classes and responsive design features.

CERTIFICATE

- 32 hours workshop on "UI Design on React Js"

SKILLS

HTML, CSS, JS, React Js, SCSS, Tailwind CSS, Bootstrap, Adobe Tools (PS, AI, XD), C, C++, Python, Machine Learning, Java, Git/GitHub, SQL, DSA, MS Office tools, Problem Solving, Time Management, Leadership, Communication