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PROJECTS

MERN

Dating Website

Backend: NodeJS, ExpressJS   **DB:** MongoDB
Frontend: Javascript, CSS, HTML **External APIs:** Facebook, Google

Features:

- Google, Facebook, Email Auth SignUp/Login
- AWS S3 storage • Private Chat
- See if user is online/offline in real time
- Deployed to Heroku

Live Link   Source Code

e-Commerce Website

Backend: NodeJS, ExpressJS   **DB:** MongoDB
Frontend: ReactJS, Javascript,   **External APIs:** PayTM
CSS, HTML

Features:

- Email Auth SignUp/Login • Product Categories
- Upload and Delete Pictures/Products as Admin
- Client Cart • Cart Payment • Filter/Sort/Pagination

Source Code

Photo Gallery

DB: FireBase/FireStore   **Frontend:** ReactJS, CSS, HTML

Features:

- Upload and host images
- Real-time progress bar for uploading images
- Showcase images and share links

Live Link   Source Code

Real-time Weather App

Backend: NodeJS, ExpressJS   **Frontend:** Javascript, CSS, HTML
External APIs: WeatherAPI.com

Features:

- Get real-time weather updates
- Get the best fit for a location automatically

Live Link   Source Code

LAMP

CMS Blog Website

Backend: PHP   **DB:** MySQL   **Frontend:** Javascript, CSS, HTML

Features:

Public View:

- A list view of all posts and approved comments sorted by date and author • A side section of list of categories
- Each individual post can be viewed in a separate page • Comment section for each post

Admin View:

- A list view of all posts and approved comments sorted by date and author • A side section of list of categories
- Each individual post can be viewed in a separate page • Comment section for each post

Live Link   Source Code

Data Structures & Algorithms

Maze Solver

Algorithm Logic: Javascript   **Frontend:** Javascript, CSS, HTML

Features:

- Build walls by clicking and drawing mouse • Solve it • Reset it

Live Link   Source Code

ACHIEVEMENTS

Peak Rating of **1681** (3*) in Codechef. Secured a global rank of 139 out of 7832 coders of similar rating in June '21 contest.

SKILLS

Theory

- **Data Structures and Algorithms**. A list of curated problems I maintain can be seen here
- **OOP** in C++

- **Tools:** Git, Postman

Languages

- NodeJs, ExpressJs, MongoDB, ReactJS
- PHP, MySQL, Javascript
- HTML, CSS
- C/C++, Java(Former Experience)

- **OS Familiarity:** Ubuntu (Debian Linux), Manjaro (Arch Linux), Windows

EDUCATION

Jadavpur University, **7.15**	ISC Aggregate: **94.3%** , Computer Science (Java): 91	ICSE Aggregate: **95.6%**, Computer Science (Java): 98
2022 BE in Production and Industrial Engineering	The Future Foundation School	Garden High School