

# Sayantan Mukherjee

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[LinkedIn](#)

[Github](#)

[Portfolio Website](#)

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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, CSS, HTML **External APIs:** PayTM

##### 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**  
2022 BE in Production and  
Industrial Engineering

ISC Aggregate: **94.3%**,  
Computer Science (Java): 91  
The Future Foundation School

ICSE Aggregate: **95.6%**,  
Computer Science (Java): 98  
Garden High School