Wriddhi **Hazra**

Email: wriddhihazra@gmail.com **| Phone:** 9830075679 **| LinkedIn:** wriddhi-hazra

EDUCATION

JIS UNIVERSITY

B.TECH. IN COMPUTER SCIENCE ENGINEERING

(2020 - PRESENT)

CGPA : 9.2

HARIYANA VIDYA MANDIR

(2006 - 2020)

XII (CBSE) : 68%   (2020)
X (CBSE) : 91.2% (2018)

COURSEWORK

UNDERGRADUATE

- Data Structures & Algorithm
- Database Management System
- Basic Computer Architecture
- Advanced Computer Architecture
- Operating Systems
- Programming for Problem Solving
- Data Science
- Machine Learning
- Probability and Statistics
- Design and Analysis of Algorithms
- Discrete Mathematics
- Embedded Systems

SKILLS

PROGRAMMING

LANGUAGES:

- C/C++ • Python3 • Java
- C# • R • PHP • MySQL
- JavaScript • Bash • Assembly
- Dart • Typescript

FRAMEWORKS:

- Next.js • Express.js
- React.js • Node
- HTML5 • Rest API
- CSS3 • Flutter

EXPERIENCE

PROJECTS

Smart-Tourism web app using Nextjs and REST API | *Link*

A nextjs based web-app that allows it's users to perform voice/text search about various locations around the world and provides them with the geographical location of the requested place on a dynamic world map and also shows them the current weather, time, and temperature of the location with different views of the map, including walking routes and car routes, railway routes, waterways and rivers and oceans, real topgraphic view of the terrain.

Quiz App | *Link*

A nextjs and firebase based fully functional quiz app where users can create account, log in, visit their dashboard and create custom MCQ quizzes where the unique url of each quiz is generated dynamically and can be shared with others. The people attending the quiz must alos be loggedd in and after submission, the percentage is automatically calculated based on the answer key provided by quiz creator. Any user's dashboard also contains a direct link to all of their created quizzes along with a dynamically generated QR code which directly takes enyone on the quiz attempt page of the particular quiz on scanning. There are other very minute details recorded in the database too, including the quiz completion time by every user before the time limit set by creator is over. On the chance of rare tie with the same amount of correct answers, the winner can be decided by comparing the timestamps of the attempts and checking who finished in lesser time.

Personal Website using NextJS | *Link*

My personal website built using nextjs, database and modern CSS design patterns. It also involves some modern web APIs like Intersectional observer which enables the website to react to user's scrolling in and away to a part of the site to animate it dynamically and improve visual experience. It also invvolves some amazing CSS animations, that can show a lot of content in very little space in a surprisingly comfortable manner.

CERTIFICATIONS

PROGRAMMING

- **Mathematical Thinking in Computer Science - UC San Diego**
  Verify Certificate

ACHIEVEMENTS

- **Ranked 14th in Ground Zero Hackathon - West Bengal Cyber Challenge,** 2022 by Cyber Security Centre of Excellence, West Bengal & Indian School of Ethical Hacking (ISOEH)