

Samin Sharar Nafi

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Skills

Languages C++ , C , HTML , CSS , Javascript , Python, Racket
Technology Android Studio, React, Django, Express, MongoDB Atlas
Design Figma

Projects

Biology Academy: IGCSE, A Level Notes and Past Papers

ANDROID STUDIO

2019

- Made expert use of SEO and marketing to gain over 7800 downloads and a 4.1 rating in Google Play Store
- Implemented pdf download, storage, and view functionality using Java, over 300 past papers and notes available
- Used xml effectively to design a pleasant UI experience in order to facilitate productive studying sessions

BNCC YouTube Tutorials

REACT

2021

- Used Youtube API to search and fetch results from YouTube, and used React-Youtube to render and play those videos
- Implemented login and registration functionality using firebase authentication, and used react router to implement routing
- Made the website responsive using media queries and used effective CSS design to provide a great dark themed UI experience.

Netflix Homepage Clone

REACT

2021

- Utilized Javascript fetch API and Axios to fetch data from TMDb and used that data to render movie images and data
- Used React Youtube to plays previews of movies fetched from YouTube when movie images are clicked
- Made use of functional components as well as React Hooks to effectively deal with state management

Instagram Clone

REACT

2021

- Made use of firebase to implement post creation, image upload and comment functionality
- Used firebase authentication to implement login, registration and logout functionality

Experience

WE Accelerate Infinite Deluge Project Member

Waterloo, ON

CONCEPT

May 2021 - August 2021

- Researched about water shortage and irrigation technologies using University of Waterloo's online library to understand the problem
- Designed a solution (membrane irrigation with nylon films) by analyzing all the research and discussing with the team
- Created and presented final PowerPoint presentation with the team by integrating all the research and won 500 dollars of funding

Honors and Awards

2019	Participant , International Olympiad on Astronomy and Astrophysics	Kezthely, Hungary
2019	Champion , Bangladesh Biology Olympiad Nationals	Dhaka, Bangladesh
2021	Semi-Finalist , New Venture Competition (BU121)	Waterloo, ON
2020	2nd Place , Bangladesh Olympiad on Astronomy and Astrophysics	Dhaka, Bangladesh
2019	3rd Place , Bangladesh Physics Olympiad Regionals	Dhaka, Bangladesh
2018	Top in Bangladesh , IGCSE First Language English	Dhaka, Bangladesh

Education

University of Waterloo

Waterloo, ON

COMPUTER SCIENCE AND BUSINESS ADMINISTRATION

2020 - 2025