

Sumit Dey

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EDUCATION

App Academy

Curriculum of Study in Full Stack Software Engineering (JavaScript and Python)

Online

August 2021 - February 2022

American International University-Bangladesh

Bachelor of Science in Electrical and Electronics Engineering

Dhaka, Bangladesh

January 2016 - December 2019

SKILLS

React, Express, JavaScript, Python, jQuery, Redux, TDD, HTML5, CSS3, SQL, Git, C++

Algorithmic Problem Solving (Solved 1000++ problems in various online platforms)

PROJECTS

Blink (Express, PostgreSQL, JavaScript, React, Redux, HTML5, CSS3, Webpack)

[Live Site](#) | [Github](#)

A fullstack Flickr clone where users can create Albums and add Photos.

- Implemented Express to create a RESTful API to serve data, and implemented middleware functions to ensure proper user authorization which ensured application security
- Integrated JSON web tokens for user authentication to increase overall application security by allowing user's sessions to be saved as cryptographical strings in JSON data
- Utilized flexbox to create a visually appealing image display for images on the explore page and user's own photos which increases a user's experience by allowing them to view full images congruently next to other images

Nap-Overflow (Express, PostgreSQL, JavaScript, Pug, HTML5, CSS3, Webpack)

[Live Site](#) | [Github](#)

Nap-Overflow is a Stack-Overflow clone where users can ask questions, add and vote answers.

- Leveraged Bcrypt for user authentication and password security.
- Utilized Express backend queries to display parents questions ordered by most updated.
- Implemented a joins table for creating questions and answers connecting to a user.

Tidy-Note (Flask, SQLAlchemy, Python, JavaScript, React, Redux, HTML5, CSS3, Webpack)

[Live Site](#) | [Github](#)

Tidynote is a single page Evernote clone where users can create books, add notes and add tags to their notes.

- Implemented rich text editor by using a clean UI called CK-editor.
- Utilized flexbox to create a one page layout for the notes and books.
- Implemented custom error handling for all form inputs

Travel-Hack (Express, PostgreSQL, JavaScript, React, Redux, HTML5, CSS3, Webpack)

[Live Site](#) | [Github](#)

Travelhack is a Air-bnb clone where users can add listings and leave a review for the spot.

- Built custom backend API to handle CREATE, READ, UPDATE, and DELETE queries made by users interacting with the application
- Configured numerous components using React including a detailed listing component that renders all listing information and associated reviews
- Implemented custom error handling for all form inputs

ACCOMPLISHMENTS

Coursera

Online curriculum of Study by University of California San Diego, HSE University

(Algorithmic Toolbox)

September 2020 - December 2020

Online Contest Profile

- Codechef ([sumitdex12](#))

Highest Rating: 1634