Sourav Dhar

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EDUCATION

Georgia State University, College of Arts and Science   **Atlanta, GA**
Bachelor's in Computer Science   *Expected Graduation: December 2022*

Relevant Coursework: Software Engineering, Database Systems, Data Structure, Design Analysis and Algorithm, System Level Programming, Computer Org and Programming,
Achievements: Dean's List Fall 2018, Summer 2019, Spring 2020, Summer 2020

EXPERIENCE

Frontdoor, inc.   **Remote**
Software Engineer Intern   *June 2022 - August 2022*
- Using React, onboarded new business partner to existing company website, which was used by 100k+ customers
- Developed a REST API by designing schema and instances and writing Parsley code in Zesty
- Extracted features from code base and designed technical architecture documents to help onboard new partners to the website instantly rather than in a week
- Debugged over 500+ lines of Go code to ensure the backend received expected responses

PROJECTS

BotTrition [View demo]   *November 2021 - December 2021*
- Worked as a group to create a website that allows users to calculate their BMI and search for information about foods and diets
- Participated in weekly group meetings with a Facebook industry mentor (IM) which involved contributing ideas about user stories, assigning tasks via Kanban boards, acting as a product manager, and updating the IM about the team's progress
- Using ReactJs, minimized and improved search feature, implemented hide/show feature to organized nutrition details, improved diet select dropdown menu by providing website link for each diet
- Implemented database structure for user information by using Heroku PostgreSQL and Flask SQLAlchemy
- Set up GitHub testing workflow and wrote 2 client tests

MusicWebApp [View demo]   *September 2021*
- Built a web application that displays songs from users' favorite artists with lyrics, album art, and an audio preview
- Used HTML, CSS for frontend and Flask, Heroku PostgreSQL for the backend
- Utilized Spotify Search API and Genius API to generate songs data dynamically
- Implemented secure user login using Heroku PostgreSQL and Flask-login
- Users can dynamically save artist data in Heroku PostgreSQL

Client Portfolio [More details]   *May 2021 - July 2021*
- Created a portfolio website for a client from scratch based on a design on Figma
- Developed website using HTML, CSS and JavaScript
- Used JavaScript to create a smooth client testimonial section where users can see client's reviews by clicking an arrow button, as well as made website fun to scroll by applying section reveal animation
- Used CSS properties such as flexbox, grid, media queries and rem units to make website responsive for all devices
- Communicated with client effectively to make website friendly to use for all visitors

To-Do App [More details]   *January 2021 – February 2021*
- Designed and developed an android application called "To-Do App" from scratch using Flutter
- Acquired skills on using Android studio and familiarized with Dart programming in order to create "To-Do App"
- Assists users to finish tasks on time and has capability to organize events therefore making users more productive throughout the day
- Provides a calendar from which users can select any particular days of month to establish daily activities
- After accomplishing task, users are able to swipe left/right to delete completed task

SKILLS

- Advance level : React, Java, JavaScript, HTML, CSS, Python flask,PostgreSQL
- Intermediate level : Unit testing, C++, C, x86 Assembly, Unix, Flutter
- Tools : Github/Gitlab, Jira, Confluence, Lucid chart, Zesty, Splunk