Abhigya Sinha

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EDUCATION

Rutgers University   **New Brunswick, New Jersey**
B.S. in Computer Science and Data Science   *Expected Graduation, May 2026*
   o   **Related Coursework:** Computer Architecture,Combinatorics,Data Structures and Algorithms,Linear Algebra

PROJECTS

Echotune | *React, JavaScript, Tailwind*   **December 2023 - Present**
- Developing a feature-rich music player leveraging React for dynamic front-end functionality.
- Integrates Shazam API to enable advanced song recognition capabilities within the application.
- Implements a visually appealing and responsive user interface using Tailwind CSS.
- Demonstrates key front-end developer skills in optimizing user experience and interface design.

Fitness Aid App | *Dart, JavaScript, Terraform, Azure*   **October 2023 - Present**
- Developing a fitness aid mobile app using Flutter, enabling users to create and share personalized workout splits
- Integrates AdobeXD for designing user-friendly interfaces, prioritizing aesthetics and usability.
- Implements REST APIs in Flutter for efficient communication and data exchange within the app.
- Employs Azure as the database solution to ensure secure and scalable data storage for the application

Pokedex | *React, JavaScript, GCP*   **October 2023 - November 2023**
- Integrates with the PokeAPI to dynamically fetch comprehensive Pokemon data based on user-supplied input.
- Utilizes asynchronous functions and the API to efficiently retrieve information such as name, image, types, and moves.
- Implements core React Native components, including TextInput for user input, Button for triggering API requests, and ScrollView for seamless content display.
- Enhances user experience with TouchableWithoutFeedback to dismiss the keyboard, ensuring smoother interactions
- Deployed on GCP

Weather App | *React, JavaScript*   **October 2023 - November 2023**
- Engineered a responsive React Weather App, integrating the OpenWeatherMap API for real-time weather data.
- Ensured cross-browser and cross-device compatibility for a seamless deployment experience.
- Implemented efficient state management using functional components and React hooks.
- Demonstrated proficiency in leveraging third-party APIs to deliver dynamic content.
- Designed an intuitive user interface, featuring a dynamic city list component (CityList) to enhance user interaction.

Ngrams Word Prediction | *Java*   **May 2023 - June 2023**
- Developed a program implementing data structures to predict subsequent user input
- Utilized FileReader and BufferedReader to read files
- Leveraged the Ngrams library

SCHOOL ORGANIZATIONS

Rutgers Entrepreneurial Society | *1776Labs Vice President*   **October 2023 - Present**
- Facilitate and communicate with student startups at Rutgers University
- Manage 50+ fellows in the program

Rutgers Mobile App Development | *Accelerator Program mentee*   **October 2023 - Present**
- Develop React and Node.js apps within the club

Rutgers USACS | *Member*   **October 2023 - Present**
- Engage with peers who share a passion for technology

Rutgers Organization of Cloud Computing | *Member*   **October 2023 - Present**
- Implement VMs and EC2 Instances,
- Enhance cloud tech understanding

SKILLS

Programming: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Dart, Terraform, R
Tools: Flutter, React, Node.js, Git, Docker, Visual Studio, AWS, Azure, Linux, GCP, RStudio