Abhigya Sinha

732-589-6045| abhigyas.biz@gmail.com | linkedin.com/in/abhigyasinha/ | github.com/abhigyas | abhigyas.onrender.com

EDUCATION

Rutgers University   **New Brunswick, New Jersey**
B.S. in Computer Science and Data Science   *Expected Graduation, May 2026*
- **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.
- Enhanced application with advanced song recognition capabilities through seamless integration of the Shazam API, resulting in a notable 20% reduction in search time.
- Crafting 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**
- Spearheading the creation of a cutting-edge fitness aid mobile app using Flutter, empowering users with the ability to effortlessly craft 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.
- Utilizes Azure MySQL as the database solution to ensure secure and scalable data storage for the application.
- Employing Terraform to expertly manage states, adding a layer of precision to the development process and ensuring streamlined functionality.

Pokedex | *React, JavaScript, GCP*   **October 2023 - November 2023**
- Connected with the PokeAPI to dynamically fetch comprehensive Pokemon data based on user-supplied input.
- Executed asynchronous functions and the API to efficiently retrieve information such as name, image, types, and moves.
- Constructed core React Native components, including TextInput for user input, Button for triggering API requests, and ScrollView for seamless content display.
- Enhanced user experience with TouchableWithoutFeedback to dismiss the keyboard, ensuring smoother interactions.
- Successfully deployed on Google Cloud Platform, showcasing a commitment to scalable and reliable hosting solutions.

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.
- Established 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**
- Architected a sophisticated program employing advanced data structures to accurately predict subsequent user input.
- Applied FileReader and BufferedReader techniques to efficiently read and process files.
- Leveraged Ngrams library, demonstrating a mastery of cutting-edge technologies in the development process.

SCHOOL ORGANIZATIONS

Rutgers Entrepreneurial Society | *1766Labs Vice President*   **October 2023 - Present**
- Foster collaboration and communication among student startups at Rutgers University.
- Oversee and guide 50+ fellows within the program.

Rutgers Mobile App Development | *Accelerator Program mentee*   **October 2023 - Present**
- Actively contribute to the development of React and Node.js applications within the club.

Rutgers USACS | *Member*   **October 2023 - Present**
- Participate in dynamic discussions with like-minded peers who share a fervor for technology.

Rutgers Organization of Cloud Computing | *Member*   **October 2023 - Present**
- Actively contribute to the implementation of Virtual Machines (VMs) and EC2 Instances.
- Gain hands-on experience in configuring and managing virtualized environments.

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