

Kashyap Tanuku

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EDUCATION

Rutgers University-NB

Bachelor of Science in Computer Science & Mathematics

New Brunswick, NJ

Sep 2022 – May 2026

Relevant Coursework

- * Data Structures & Algorithms
- * Discrete Structures I (Combinatorics)
- * Computer Architecture

September 2022 - Present

EXPERIENCE

First Move Partners

May 2023 – August 2023

Software Developer Internship

- * Developed full-stack prototype of a login page and an admin dashboard utilizing the MERN stack.
 - Leveraged React for front-end development.
 - Employed Express.js for back-end development and API implementation, ensuring efficient server-side functionality.
 - Utilized MongoDB as the database system to store and manage data.
- * Utilized Agile methodology to create working full-stack prototypes, emphasizing flexibility and accessibility.
- * Conducted regular meetings to gather and define project requirements, collaborated with a team member to plan, design, and implement these requirements.
- * Implemented a code review process for prototypes, gathering feedback, and refining the implementation for quality assurance.
- * Worked in 2-week sprints to ensure a consistent and efficient development cycle.
- * Engaged in biweekly client meetings, gaining hands-on experience in real-world application development and client interaction, understanding the importance of catering to client needs.

PROJECTS

Online Music Web Player | AWS, React, Express.js, Python

September 2023 – December 2023

- Collaborated with a team of 3 members to develop a full-stack online web application that enables users to search, play, and download music while also allowing them to upload their own music.
 - Front-end development with React.js to create an intuitive and responsive user interface.
 - Back-end development with Express.js for robust APIs and server-side functionalities.
 - Utilized AWS (AWS) as the database to store user profiles and a collection of songs.
- Designed a search feature that utilizes YouTube's API to fetch top search results.
- Implemented a cosine similarity algorithm in Python to filter and recommend the best search results.

Mobile Fitness Aid App | Azure, Flutter, Dart, REST API, Figma

October 2023 – December 2023

- Developed a full-stack mobile gym aid app that empowers users to create, categorize, publish, and share workout splits.
 - Employed Flutter for comprehensive mobile app development, ensuring a seamless and responsive user experience.
 - Utilized Figma for front-end element design to create an aesthetic front-end.
 - Implemented REST APIs in Flutter to enable efficient data management and aggregation.
 - Used Azure as the database to store user profiles and workout splits.
- Created a system that allows user to like workout splits in order to rank splits in terms of user popularity.
- Implemented an algorithm that allows users to filter workout splits based on number of likes, muscle group specificity, or fitness goals.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, C/C++, Dart, Assembly

Frameworks: React, Flutter, Next.js, Node.js, Express.js, Selenium, FastAPI, Tailwind CSS, Bootstrap

Developer Tools: MongoDB, AWS, Google Firebase, Azure, Git, Github, Jira, VS Code, Postman, Figma, Linux/Unix

Libraries: GSAP, NumPy