Kashyap Tanuku

kashyap.tanuku@rutgers.edu | linkedin.com/in/kashyaptanuku | github.com/kashyaptan | 732-318-7425

EDUCATION

Rutgers University-NB New Brunswick, NJ
Bachelor of Science in Computer Science & Mathematics *Sep 2022 – May 2026*

Relevant Coursework
Data Structures & Algorithms (Java), Discrete Structures I (Combinatorics), Computer Architecture (C/C++).

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, RapidAPI*

- ∗ Collaborated with a team of 3 members to developed a full-stack online web application that enables users to search, play, and download music while also allowing them to upload their own music.
- ∗ App Capabilities: play/search songs, create playlists, register, login, forget password (with email confirmation).
  - 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.
- ∗ Used shazamApi from RapidAPI to search and play songs.
- ∗ Implemented a cosine similarity algorithm to filter and display the best search results.

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

- ∗ 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 like based ranking system to rate workout splits.
- ∗ Implemented an algorithm to filter workout splits based on 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