

RISHAB SANJAY

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EDUCATION

Rutgers University – New Brunswick

Sep 2023 – May 2027

Bachelor of Science, Computer Science & Data Science

- **GPA:** 3.80/4.0 · Dean's List
- **Coursework:** Data Structures, Algorithms, Databases, AI/ML, Software Methodology, Computer Architecture

EXPERIENCE

Orion Sleep

Jan 2026 – Present

Software Engineer Intern

San Francisco, CA

- Shipped a cross-platform profile system on iOS (Swift) and Android (React Native) serving **2,000+ users**.
- Built phone-OTP and email-verification auth with Android's SMS Retriever, hitting a **100% verification rate**.
- Owned push-notification identity via OneSignal so sleep reminders reliably reach the right device.
- Built a sleep-temperature survey that sets each user's nightly schedule across mobile UI and backend.

StreamerStakes

Oct 2024 – Jan 2025

Software Engineer

Remote

- Built a real-time gaming and betting platform end-to-end across backend services and gameplay logic.
- Deployed containerized backend services on AWS (EC2 + S3) with Docker, improving reliability and latency.
- Applied MediaPipe and Pandas to analyze gameplay video and surface player insights that drove engagement.

Rutgers Undergraduate Student Alliance of Computer Scientists

Nov 2024 – Present

Head Software Developer

Piscataway, NJ

- Built a MERN-stack platform for **2,500+ users** with JWT auth, REST APIs, and real-time features at 99.9% uptime.
- Led 5 developers to redesign the UI/UX with reusable React components, streamlining navigation.
- Created a mentorship-matching system connecting **150+ students** by shared technical interests and goals.

PROJECTS

EduGen | *Flask, OpenAI API, Python*

- Built an AI study builder that generates quizzes, flashcards, and study guides from any topic via the OpenAI API.

Reddit Sentiment Analyzer | *Python, NLP*

- Built a real-time tool that analyzes sentiment of new Reddit posts and streams results to a live dashboard.

ScanAI | *Python, AI*

- Built a document-QA app that uses AI to analyze uploaded documents and answer natural-language questions.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, Swift, Kotlin, C++, SQL, HTML/CSS, MATLAB

Frameworks: React (Next.js), React Native, Node.js, Flask, Pandas, NumPy, MediaPipe

Tools & Cloud: Git, Docker, AWS (EC2, S3), Supabase, MongoDB, OpenAI API, Xcode, Android Studio, Linux, Tableau

LEADERSHIP

HackRU (Major League Hacking)

Jun 2024 – Jan 2025

Vice President

New Brunswick, NJ

- Led end-to-end planning of a 24-hour hackathon for **625+ attendees**, owning logistics and sponsorships.
- Directed **30+ organizers** across marketing, operations, technology, and sponsorship teams.
- Secured and managed **\$15,000+ in sponsorships** from tech companies, startups, and university partners.

Rutgers Organization of Cloud Computing (ROCC)

Jan 2024 – Present

Cloud Engineering Lead

Piscataway, NJ

- Led hands-on cloud initiatives, guiding students to build and deploy cloud-native apps on AWS and Azure.
- Designed and facilitated technical workshops on cloud infrastructure and deployment workflows.