

Rishab Sanjay

Cupertino, CA | (650)-701-6745 | rishsanjay@gmail.com

EDUCATION

Rutgers University - New Brunswick

Major: Bachelor of Science - Computer Science & Economics

Sep 2023 - May 2027

- **Relevant Coursework:** Data Structures, Computer Architecture, Discrete Structures I, Calculus II, Linear Algebra, Macro Economics, Micro Economics

PROFESSIONAL EXPERIENCE

StreamerStakes

Full Stack Developer

Remote

Oct 2024 – Jan 2025

- Developed a gaming and betting experience, delivering users the thrill of winning real money with secure technology.
- Pioneered the development of a mobile application using Node.js, Swift, and Python emphasizing on a seamless user experience.
- Collaborating with a dynamic team to revolutionize the gaming landscape creating an immersive and rewarding them through the application.

Marketn Capital LLC

Software Engineer Intern

Sommerset County, NJ

Jun 2024 – Aug 2024

- Analyzed large financial data sets, extracting key trends to support strategic decision making and financial forecasting.
- Designed and implemented interactive dashboards using Python, Matplotlib, and SQL for real time data visualization.
- Developed and tailored datasets for real time visualization, enhancing financial reporting and analytical capabilities.

PROJECTS

EduGen – AI Study Builder

- Developed an AI power web app using Flask and OpenAI API that transformed any topic into a interactive study tool.
- Engineered a frontend with glass morphism UI, delivering interactive user experiences such as flip-style flashcards and animated quiz feedback.
- Implemented secure API key management with .env configuration and Git best practices to ensure safe deployment and maintainability.

Reddit Sentiment Analyzer

- Built a real-time sentiment analysis dashboard using Python, Flask, PRAW, and OpenAI to classify Reddit posts from any subreddit.
- Integrated Socket.IO to stream live Reddit submissions and display sentiment (Positive, Negative, Neutral) on a dynamic web interface.
- Designed for local deployment with secure environment variable handling for Reddit and OpenAI API credentials.

Smart Document Analyzer

- Developed a Python based AI application using Retrieval Augmented Generation to answer natural language queries from unstructured PDF documents.
- Implemented an end-to-end pipeline including PDF parsing, chunking, OpenAI embedding, and semantic retrieval from Chroma DB for the scanner.
- Designed for practical use cases in legal, research, and enterprise settings, showcasing LLM capabilities in intelligent document analysis.

LEADERSHIP & EXTRACURRICULAR EXPERIENCE

HackRU Hackathon

Hacker

Piscataway, NJ

Oct 2024 – Oct 2024

- Participated in HackRU, a 24-hour hackathon, brainstorming projects, building, designing, and coordination in a team of four.
- Built a Flask based anomaly detection website in 24 hours, using machine learning to flag unusual patterns in sensor datasets.
- Designed an interactive cyberpunk inspired dashboard with neon visualizations, glass morphism UI, and real time anomaly highlighting for engineers.

USACS

Member

New Brunswick, NJ

Sep 2024 – Present

- Engaged in fostering a thriving CS/tech community at Rutgers through weekly technical talks, hackathon coordination, and project showcases.
- Supported initiatives in mentorship, research, and career development by collaborating with peers, faculty, and industry partners.
- Contributed to outreach efforts connecting students with alumni, youth, and tech companies while promoting inclusivity and diverse community spaces.

TECHNICAL SKILLS/INTERESTS

Languages & Frameworks: Python, Java, JavaScript, HTML/CSS, Swift, SQL, React, Node.js, API Integration, End to End System Design

Tools: Git, VS Code, Xcode, Android Studio

Interests: Burritos, Every Sport, Red Bull, Concerts, Cooking, NBA, Music, Video Editing, Weightlifting, Traveling