

Rayyan Sarkhot

NYC, NY | (862) 207-2504 | rayyansarkhot@gmail.com | github.com/rayyansarkhot | linkedin.com/in/rayyansarkhot

EDUCATION

Rutgers University - *B.S. in Computer Science in New Brunswick, NJ*

September 2022 to May 2025

Coursework: Computer Architecture & Assembly, Data Structures & Algorithms,, Calculus II, Intro to Computer Science

WORK EXPERIENCE

Princeton IT Services - *Software Engineering Intern in Princeton, NJ*

June 2023 to August 2023

- Programmed a fullstack CRM with a LLM to extract important information in order to reduce average time spent by procurement team on each RFQ from minutes to seconds & reduce over 95% of RFQ processing time & errors.
- Implemented necessary features of CRM into a website streamlining the workflow of the procurement team and increased company potential profits from opportunities by over 50% under the guidance of the company's CEO.
- Leveraged ChatGPT API, React, Spring Boot, Nginx, MySQL on AWS EC2 & RDS in an Agile development environment and led end to end SDLC, database migration, and integrated company ERP software into CRM.

Code Ninjas - *Coding Instructor in Denville, NJ*

July 2021 to January 2022

- Taught over 80+ students the basics of object-oriented programming, web development, and software engineering.
- Enabled youth to diversify knowledge of computer science and explore potential career paths for their future.
- Resolved 20+ technical coding curriculum issues & bugs, assuring smooth learning experiences for new students.

Prudential Financial - *Remote Data Analyst in NJ*

Jan 2021 to March 2021

- Collaborated to convert a 10,000 cell dataset into an educational presentation on new workplace health policies.
- Utilized Tableau to transform pertinent data into visually engaging graphs and charts, enhancing the final product.
- Produced concise weekly reports on data collection, analysis status, and issues for effective project tracking.

PROJECTS

ymsl.us

- Launched exposition & stats for 30+ basketball players, through a website, promoting analysis & competition.
- Overhauled inefficient and complicated statistics tracking by providing a cleaner UI that is available 24/7.
- Developed with Node, ExpressJS, Google Sheets API, and deployed on Google Cloud with Nginx and Docker.

Municipal Voter Generator

- Developed general purpose script enabling targeted voter selection for a local politician from a call bank.
- Achieved a 91% dataset reduction, isolating preferred voters from 37K rows, optimizing selection for outcomes.
- Effectively filtered voters using Python3, CSV library, and a dataset of 9,000 cells, securing accurate results.

SKILLS

- Languages: JavaScript, Python, Java, C++, React, SQL, HTML, CSS
- Technologies: NodeJS, ExpressJS, Git, Linux/UNIX, Jira, Google Cloud Platform, Nginx, Docker

LEADERSHIP

Young Muslims - *Chapter Organizer in Morris County, NJ*

Jan 2023 to Ongoing

- Facilitated weekly activities, food, transportation, and lectures with organizers to create a safe environment for over 50+ individuals to explore their interests, foster their bonds with others, and become great leaders.
- Orchestrated planning of regional events for 80+ individuals and chapter leaders for their personal development.

ICCC Organizer - *Coordinator in Parsippany, NJ*

July 2022 to Ongoing

- Served over 1000+ attendants by directing logistics, food, and safety of several religious events such as lectures, educational classes, religious holidays with mosque administration to increase community religiosity & wellbeing.