

Marc Tyler Rizzolo

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EDUCATION

Rutgers University

Bachelor of Arts in Computer Science

New Brunswick, NJ

Jan. 2022 – May 2024

Seton Hall University

Bachelor of Science in Business Administration

South Orange, NJ

Aug. 2013 – May 2017

EXPERIENCE

Contract Administrator

March 2019 – January 2022

PBF Energy

Parsippany, NJ

- Partnered with DevOps to deploy an automated contract generation system to the Production environment, streamlining over 10,000 large-scale transactions between leading energy firms such as Shell and BP, boosting workflow efficiency by 25% within 2 years.
- Ensured contract review was filed in compliance with corporate standards and audit requirements.
- Liaise with multiple departments to facilitate system improvements related to Contract Management.

Store Manager

September 2017 – March 2019

GameStop

Boonton, NJ

- Led and motivated a team of 7 associates, ensuring effective communication and collaboration.
- Supervised day-to-day store operations and consistently resolved customer issues, achieving sales targets for 18 consecutive months through strategic customer engagement and service excellence.

Operations Internship

May 2017 – August 2017

Hampton Inn and Suites

Fairfield, NJ

- Streamlined operational processes, resulting in reducing process time by approximately 15%.
- Revamped data management and analysis to boost operational efficiency by approximately 20%.
- Collaborated across departments of over 100+ employees to implement process improvements.

PROJECTS

Personal Website | *JavaScript, HTML, CSS, React*

February 2024 – Present

- Developed a sleek design using ChakraUI and React components making it mobile friendly, from scratch.
- Created a high functioning mock CLI for visitors utilizing functions, containers, and more.

Mock Travel System | *SQL, Java, JSP, JDBC, HTML*

November 2023 – Present

- Developed and deployed highly efficient search algorithms in Java, resulting in a 30% decrease in average search time and improving overall user experience for flight reservations.
- Streamlined project deliverables with comprehensive diagrams and schemas, optimizing database design, and enabling seamless Java-based integration; reduced development time by 20% and improved system performance.

Photo Album | *Java, JavaFX, FXML, Android*

October 2023 – Present

- Developed a sophisticated user interface with JavaFX and FXML, integrating tag-based search functionality that improved user experience, leading to a 35% increase in search efficiency and user engagement for the application.
- Created custom profile classes and integrated libraries to store photo and user profiles for over 1000+ photos.
- Engineered photo file manipulation / dynamic album management, to create interactive and efficient engagement.
- Successfully ported the JavaFX application to Android, utilizing Java and Android SDK for over 1000+ photos.

Lightweight File Transfer Application | *Python, socket, Tkinter*

August 2023 – Present

- Headed improvements in data transfer consistency, facilitating over 500+ successful file transfers between devices.
- Implemented port mechanisms and network protocols to ensure secure, reliable file transfer over TCP/IP.
- Designed a user-friendly interface with Tkinter, facilitating easy navigation and control for file transfer operations.
- Optimized data packet handling to ensure high-speed file transfers with minimal latency.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, HTML, CSS

Technologies: MySQL, Node.js, Git, React, MongoDB

Developer Tools: Object Oriented Design, Critical Thinking, Problem Solving, Verbal Communication, Software Engineering, Data Structures and Algorithms, Backend, Agile Methodologies, Database Management, RESTful APIs