

Saba Shahbaz

(516) 637-5025 | sabashahbaz001@gmail.com | [GitHub](#) | [LinkedIn](#)

Professional Summary

Detail-oriented software engineer with a strong foundation in developing applications with **Python, JavaScript, and React** and **SQL databases**. Dedicated to contributing and acquiring expertise in designing and developing software applications with cross-functional teams, in an efficient manner to meet business needs.

Technical Skills

Front-End: JavaScript, React.js, Tailwind, Bootstrap, HTML, CSS
Back-End: Python, Flask, Node.js, Express.js, SQL, NoSQL
Development Tools: Agile Methodology, AWS, Git, Computer Science

Technical Projects

TastyTracker | [GitHub](#) | [Demo](#) *Full-Stack calorie and meal tracking application*

Tech: **React.js, Python, Flask, SQLAlchemy, SQLite, USDA Food Central API**

Accomplishments:

- Engineered custom **RESTful database design** (one-to-many, many-to-many) leveraging external (API) data.
- Test and debug** code and programs to ensure efficient processing and optimal utilization
- Analyzed** user-input **transactional data** (i.e. caloric intake) complete **in-sight driven visual representation**

Thrifty | [GitHub](#) | [Demo](#)

Full-stack online thrift store

Tech: **React.js, Node.js, Express.js, MongoDB, Stripe API**

Accomplishments:

- Built an **e-commerce platform**, with product search, shopping cart, saved wish list
- Implemented **user authentication** with **JWT** (JSON Web Token) for **safe retrieval of user data**
- Utilized **new API technology**, Stripe AP, I for **purchasing capabilities**

Magical Duel | [GitHub](#) | [Demo](#)

Interactive 2D Game

Tech: **Python**

Accomplishments:

- Orchestrated **object-oriented programming** methodologies for code structure and organization
 - Designed and developed an initiative user interface with a **graphical user interface (GUI)**
 - Applied **analytic skills** to implement **dynamic gameplay features** using concise **mathematical functions**
-

Education

Flatiron School - Certificate, Full Stack Software Engineering New York, NY June 2023 – September 2023

- An intense 15-week bootcamp, covering a broad range of **computer science concepts** and **programming languages** including JavaScript, Python, React, Flask, SQL, OOP, APIs, and agile methodology.

Queens College, CUNY

Master of Arts, Biological Sciences (24 credits)

Flushing, NY

January 2021 – December 2022

Binghamton University, SUNY

Bachelor of Science in Biological Sciences

Binghamton, NY

August 2016 – June 2020

Professional Experience

Medical Scribe/Medical Assistant – StatMD Urgent Care

August 2021 – April 2023