

Software engineer skilled in Python with Flask, SQL, React, and JavaScript with a background in neuroscience. Experienced in electronic medical record systems management and excelling in roles requiring robust problem-solving skills and fast-paced project execution. Committed to pragmatic software development and simplicity in solutions, I thrive in collaborative environments, bringing strong fundamentals in backend and frontend technologies, and a passion for creating innovative solutions.

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, HTML/CSS

Frameworks: Flask, React.js

Databases: SQL

Tools: GitHub

TECHNICAL PROJECTS

Bike Tracer [GitHub](#) | [Demo](#) | React.js, HTML, CSS

Real-time bike ride tracking application, allowing users to view ride metrics and workout routes.

- Implemented Object-Oriented Programming principles in a complex React application, ensuring a modular and maintainable codebase.
- Expertly managed component state and data flow for a dynamic user interface maintaining stateful design.
- Integrated an interactive map for route visualization.

HealthHarborMD [GitHub](#) | [Demo](#) | Python with Flask, React.js, HTML, CSS

Secure portal connecting patients and clinics for efficient visit management.

- Collected session cookies for secure, role-based user authentication.
- Designed an intuitive UI to streamline operations for clinics and patients.
- Employed encryption for secure data storage.

movieVerse [GitHub](#) | [Demo](#) | JavaScript, HTML, CSS

Platform for browsing, learning, and managing a personal movie watchlist.

- Developed a single page application with an engaging UI for optimal user readability.
- Demonstrated foundational CRUD operations using local JSON storage for movie data management.

PERTINENT EXPERIENCE

Envision Physician Services, Emergency Department

Nyack, NY

Clinical Informations Manager

October 2021 - May 2023

- Excelled in meticulous documentation, ensuring precision in patient histories, vital for accurate data entry.
- Applied critical analysis to resolve inconsistencies and homonyms in medical terms by referring to dictionaries, drug references, and other sources on anatomy, physiology, and medicine, enhancing data reliability
- Managed patient data in high-pressure environments, showcasing organizational and multitasking capabilities.

Bishop Laboratory of Movement Disorders

Binghamton, NY

Undergraduate Research Assistant

August 2019 - May 2021

- Collaborated effectively in research teams, communicating intricate data clearly.
- Conducted precise experimental procedures, demonstrating meticulous attention to detail.
- Mentored students in research methodologies, highlighting leadership and teaching skills.

Beta Chi Theta Fraternity, Founder

Binghamton, NY

Vice President

January 2019 - May 2021

- Established bylaws for structured decision-making, focusing on community impact and growth.
- Led the executive board in organizing diverse events, through strategic collaborations.
- Orchestrated charity initiatives, blending social responsibility and leadership showcasing strong project management.

EDUCATION

Flatiron School

New York, NY

Full-Stack Web Development utilizing Python with Flask, SQL, React and JavaScript

July 2023 - October 2023

Binghamton University

Binghamton, NY

Bachelor of Science in Integrative Neuroscience, GPA 3.55

May 2021