Joshua Cruz
(347) 229 - 5699 | jcruz1998@gmail.com | [GitHub](#) | [LinkedIn](#) | Floral Park, NY

Education

Flatiron School	New York, NY
Software Engineering, Full Stack Development	June 2024 – September 2024

Stony Brook University, SUNY	Stony Brook, NY
Bachelor of Science in Biological Sciences	August 2016 – June 2020

Programing Languages & Technologies

JavaScript	Bootstrap	Java	SQL	Agile	Visual Studio	SonarQube	Junit
AngularJS	HTML	Flask	NoSQL	Methodology	IntelliJ IDEA	BlackDuck	Mockito
React.js	CSS	Node.js	Spring	Git	Gradle	Scan	Postman
Tailwind	Python	Express.js	Framework	Maven	Docker	Jenkins	

Technical Projects

InstaChat | [GitHub](#)

Tech Stack: Java, Spring Boot, WebSocket, Docker, SonarQube, JUnit, Mockito, Jenkins, Maven, Git, IntelliJ IDEA

- Developed a real-time chat platform using WebSocket and Spring Boot for authentication and messaging.
- Containerized the application with Docker for consistent deployment.
- Implemented CI/CD pipeline with Jenkins, automating build, test, and deployment processes.
- Ensured code quality using SonarQube and BlackDuck for security.
- Optimized development with IntelliJ debugging tools and conducted testing with JUnit and Mockito.

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

Tech Stack: Node.js, React.js, Python, Flask, SQLAlchemy, OpenAI API

- Designed RESTful APIs for dynamic meal and workout plans, enhancing user interaction.
- Integrated SQLite with SQLAlchemy for data management.
- Developed secure authentication with bcrypt encryption.
- Collaborated with OpenAI API to create AI-powered meal and workout suggestions.
- Applied MVC design pattern for maintainable application structure.

Galactic Siege | [GitHub](#) | [Demo](#)

Tech Stack: Python

Accomplishments:

- Employed object-oriented programming (OOP) principles to design game models and interfaces.
- Designed and developed an intuitive graphical user interface (GUI) for user interaction, improving the overall gaming experience.
- Developed core game mechanics such as collisions, movement, and object interactions using physics and mathematical functions while managing user input and game events to ensure smooth and responsive gameplay.

Professional Experience

Patient Registration Specialist - White Plains Hospital	March 2023 – April 2024
Emergency Medical Technician – Northwell Health	November 2021- December 2022