

MICHAEL REYES

Software Engineer

New York, NY | (347) 493-9281 | Michaelreyes499@gmail.com | [LinkedIn](#) | [Github](#)

EDUCATION

Codesmith | *Software Training Institute*

City University of New York, Brooklyn College | *B.S. in Exercise Science*

TECHNICAL SKILLS

Programming Languages: JavaScript (ES5 and ES6), TypeScript, Python, Java, SQL, Go, C++, C, SQL

Frameworks and Libraries: React, Angular, Vue, React Native, Next.js, Node.js, Redux, Express.js, HTML, CSS

Databases and Softwares: PostgreSQL, MongoDB, AWS (EC2, RDS), Docker, Kubernetes, Kafka, Jenkins

Testing: Cypress, Mocha, Jest

EXPERIENCE

Jackson House Restaurant | **Operations Manager**

June 2024 - Present

- Streamline inventory management by 15%, using a cloud-based system, reducing food waste and increasing net profit margin by 7%.
- Implement a new point-of-sale (POS) system resulting in a 5% reduction in order errors, and a 10% improvement in payment efficiency.
- Lead a comprehensive staff training program on hospitality and menu knowledge, resulting in a 10% increase in customer satisfaction and positive online reviews.

Codesmith | **Software Engineer**

September 2023 - June 2024

- Increased performance of Codesmith's public website (165k annual users) by 20%, by using React, TypeScript, and Redux to develop and implement reusable components.
- Spearheaded the refactoring of UI tests using Cypress, to ensure rigorous validation of user interactions, resulting in a 30% reduction in UI-related bugs.
- Empowered the technical proficiency of a 30-person engineering team, by leading weekly code reviews and delivering technical training sessions covering React, SQL/NoSQL databases, and Node.js.
- Interviewed highly skilled engineers through conducting over 50 in-depth interviews, assessing their knowledge of Data Structures and advanced JavaScript concepts.

Memorial Sloan Kettering Cancer Center | **Laboratory Assistant**

June 2019 - August 2019

- Automated RNA helicase structure analysis, including distance calculations, ligand identification, and measurements, through custom Python scripts in Pymol, significantly enhancing research efficiency by 50%.

PROJECTS

[Roomier](#) | **Roommate Networking Platform**

September 2023 - December 2023

- Designed a roommate matching web app for over 50 NYC residents, enabling users to list and upload housing information via Firebase and React.js.
- Implemented secure user login for over 100 users, ensuring user privacy via Google integration with OAuth and secure storage of user tokens via Bcrypt within a MongoDB database.

[Iris](#) | **Open-Source Kafka Health Monitoring Application**

August 2023 - December 2023

- Designed a real-time Kafka broker monitoring dashboard for 70 users, using JavaScript, React, and Prometheus, enabling users to visualize key performance metrics.
- Improved broker stability by preventing throttling through a comprehensive logging system, storing over 10,000 broker data entries in an AWS RDS database.