

# STEPHEN MWINGIRA

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## EDUCATION

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### Brooklyn College

Bachelor of Science, Computer Science

New York, NY

Aug. 2017 – Jan. 2023

*Cum Laude*, Dean's Honors List (2017, 2019, 2020, 2023)

- Created a full-stack web application called findDining, which helps students find places to eat around campus based on their budget. Application was built using JavaScript, EJS, Bootstrap, Sass, Node.js, Express.js, MongoDB, Mongoose, and Heroku.
- Created an Android application called Wintake that tracks a user's water intake activity. The application allowed users to set goals and reminders in order to help them reach their goal. Used Firebase for the backend services to handle user registration, authentication, and to store user generated data.

### Queensborough Community College

CEWD, Information Technology

New York, NY

Dec. 2021 – Aug. 2022

- Enrolled in a Google sponsored information technology section.
- Earned several certificates in entry-level IT support.

### Baruch College

CEWD, Information Technology

New York, NY

Aug. 2016 – Dec. 2016

- Enrolled in a Google sponsored information technology section.
- Earned several certificates in entry-level IT support.

## EXPERIENCE

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### Develop for Good

Software Engineer (Remote)

New York, NY

Oct. 2023 – Present

- Worked with a small team of engineers to revamp the Readeazy Literacy platform.
- Worked with a large PHP, HTML, JavaScript, Sass, and CSS codebase.
- Implemented mobile responsive Sass updates to ensure the website was usable on smartphones and tablets.
- Updated JavaScript functionality for certain features to improve usability on mobile devices.

### Freelancer

Web Development, Graphic Design

New York, NY

Sep. 2019 – Present

- Worked with businesses to design their logos, branding guidelines, and stationaries.
- Developed websites using React.js, Redux, Bootstrap, TailwindCSS, Vite, and Sass.
- Developed REST APIs using Node.js, Express.js, MongoDB, and Mongoose.
- Helped businesses restore website functionality, optimize loading speed, and reconfigure DNS services.

## **FYRE Digital**

Web Developer (Remote)

Miami, FL

*Aug. 2018 – Sep. 2019*

- Worked with a team of developers to build websites using Bootstrap, HTML, CSS, Sass, JavaScript, PHP, Laravel, WordPress, and Webflow.
- Collaborated with the design team to prototype user interfaces and user experience flows using Figma.
- Managed projects through the entire development lifecycle, creating milestones, and delegating tasks to team members.

## **Baruch College Campus High School**

IT Internship

New York, NY

*Sep. 2016 – Jun. 2017*

- Maintaining and troubleshooting issues related to school software and hardware.
- Provided technical assistance for installing and fixing printers, projectors, and computers.
- Helped students and school staff to install and manage mobile devices on the school network.

## **LEADERSHIP & ACTIVITIES**

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### **CUNY Brooklyn College Computer Science Club**

Club Member

New York, NY

*Sep. 2019 – Present*

- Helped students find resources for programming problems and challenges.
- Provided expertise and answers to students for Node.js and Express.js related questions.
- Participated in weekly coding challenges and hackathons.

### **BCCHS Lemelson-MIT InvenTeam**

Member, Pneumatics Engineer

New York, NY

*Sep. 2015 – Jun. 2016*

- Worked on a semi-autonomous vacuum device with intended use in the NYC subway system, approved by the New York City Comptroller, Scott Stringer.
- Installed, calibrated, and maintained the pneumatic system for the device.
- Assisted team members in programming the Arduino control module for the device.
- Presented at the final White House Science Fair under the Obama Administration in 2016, and was interviewed by NY1 News, CW11, and CNN.

### **BCCHS Boys Junior Varsity Basketball Team**

Team Captain

New York, NY

*Dec. 2013 – Mar. 2015*

- Assisted coach Taiyo Na in keeping the team organized during practice and games.

### **Archdiocese of New York**

Altar Server

New York, NY

*Sep. 2009 – Aug. 2014*

- Volunteered at the Parish of Our Lady of the Scapular and Saint Stephen, the Chapel of the Sacred Hearts of Jesus and Mary, and the Church of Our Savior.
- Assisted Monsignor Lawrence Connaughton and the ministry in organizing and preparing the church and chapel for weekly sunday service. Also prepared the altar for weekly service and

offerings collection during mass.

## PROJECTS

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### Verwalto

April 2024 - Present

JavaScript, React.js, TailwindCSS, Prisma, MongoDB, Node.js, Express.js, Heroku

- Developed a full-stack web application for small businesses to manage staff and inventory.
- Implemented Clerk Authentication to quickly get users registered securely onto the application.

## TECHNICAL SKILLS

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**Programming Languages:** Java; C++; Python; JavaScript; TypeScript; PHP

**Web Development:** React.js; EJS; Handlebars; HTML; CSS; Sass; Bootstrap; TailwindCSS; jQuery, Node.js; Express.js; Mongoose; Prisma; GraphQL;

**Databases:** MySQL, SQLite, PostgreSQL, MongoDB, Firebase

**Mobile Development:** Android Studio

**API and Tools:** REST API, Git, GitHub, GitLab, Vite, Gulp, Webpack, ESLint, Prettier

**Testing and Debugging:** Jest; Espresso; Cypress

**Design:** Figma, Adobe XD

**Spoken Languages:** Swahili (Native/Bilingual), English (Native/Bilingual), Spanish (Elementary).