

Isaac Mills-Owoo

SOFTWARE DEVELOPER

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Dedicated and driven Software Developer transitioning from a successful career as a Registered Respiratory Therapist Supervisor with strong academic credentials, including an M.S. in Internet/Web Design, an MBA in Management Information Systems, an MBA in Healthcare Administration, an M.S. in Management – Healthcare Administration, a B.S. in Allied Health Education, and an A.A.S. in Respiratory Therapy. Offers a unique blend of professional expertise in problem-solving, team collaboration, leadership, and innovation, combined with technical skills in object-oriented programming (OOP) languages and frameworks including Java, JavaScript, HTML, CSS, React, and SQL. Eager to apply hands-on experience in developing applications and managing complex technical projects on high-performing teams.

Languages: Twi, Ga

TECHNICAL LANGUAGES, TOOLS, & FRAMEWORKS

Java, React, JavaScript, HTML, CSS, Express.js, Heroku, IntelliJ IDEA, Maven, MongoDB, Netlify, Node.js, Postman, React, React Native, Spring Boot, Visual Studio Code, Yarn, Zsh, MySQL/SQL, GitHub, Model View Controller (MVC), Pair Programming, Software Development Life Cycle (SDLC), Test Driven Development (TDD), Kanban, Waterfall, Scrum and Agile Methodologies

TECHNICAL TRAINING

Zip Code Wilmington | Wilmington, DE 02/2025 – 05/2025
Full-Stack Software Developer

Completing a nationally acclaimed, highly competitive, immersive software developer training program accepting less than 12% of applicants including over 1000 hours of software development projects using Agile and Scrum methodologies and TDD, experience with multiple object-oriented programming languages and frameworks including Java, SQL, and Spring Boot.

Technical Projects (Zip Code Wilmington):

- **Share-Track Inventory Management** – An app that helps my church organization track and share equipment across locations in order to handle equipment movement to and from each location (Java, JavaScript, HTML, Spring Boot, Postman, Kanban, Agile) (Front End: github.com/ikejrmillsowoo/share-track-front) (Back End: github.com/ikejrmillsowoo/share-track-app)
- **ZipTube** – With 2 team members, built a video application library and social media platform (Java, Spring Boot, Boot Strap) (github.com/ZCW-Spring2025-Delta)

NuCamp | Online 02/2021 – 06/2021
Front-End Software Developer Training

Technical Projects (NuCamp):

- **Foodies App** – Business lookup guide utilizing the Yelp API for curated suggestions utilizing HTML, CSS, JavaScript, React
- **Spotify Playlist Creator** – Spotify-integrated app enabling users to create and manage playlists utilizing HTML, CSS, JavaScript React

TECHNICAL CERTIFICATIONS

- **Nucamp** | Mongo, Express, React, NodeJS
- **Codecademy** | React, JavaScript, CSS

EDUCATION

Wilmington University | New Castle, DE
• Master of Science, Internet/Web Design 05/2021
• Bachelor of Science, Allied Health Education 05/2011

Delaware Technical and Community College | Newark, DE 05/2009
Associate of Applied Science, Respiratory Therapy

PROFESSIONAL EXPERIENCE (ABRIDGED)

Nemours Children's Hospital | Wilmington, DE 05/2010 – 05/2016; 01/2024 – Current
Staff Respiratory Therapist

- Provides training, education, and coaching to students, newly hired therapists, and other staff; provides asthma education to parents and family members; coordinates with different stakeholders to ensure the best outcome and practices for patients
- Recognized as Respiratory Therapist of the Year (2013); promoted from Charge Respiratory Therapist to Registered Respiratory Care Manager (2013) and impactfully served in this role between 2013 through 2016 before temporarily transitioning into another hospital system; returned in 2024 and continues to be relied upon by senior management at the hospital as a trusted advisor and technical subject matter expert

Good Shepard Penn Partners | Philadelphia, PA 02/2013 – Current
Registered Respiratory Therapist Supervisor

- Managed collaboration and coordination with multidisciplinary teams to ensure 100% staff satisfaction
- Led tracking of equipment and supplies resulting in a 50% decrease in miscommunications and seamless collaboration between teams
- Integrated ventilator data into the EPIC medical documentation systems so that the ventilator and EPIC system had real-time connectivity