

Isaac Mills-Owoo

SOFTWARE DEVELOPER

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Dedicated and driven Software Developer transitioning from a successful career as a Respiratory Therapist with strong academic credentials, including an M.S. in Internet/Web Design, and a B.S. in Allied Health Education. 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.

TECHNICAL LANGUAGES, TOOLS, & FRAMEWORKS

Java, React, JavaScript, HTML, CSS, Express.js, Heroku, IntelliJ IDEA, Maven, MongoDB, Netlify, Node.js, TypeScript, Postman, React, React Native, Spring Boot, Rest API's, C#, Visual Studio Code, Yarn, Zsh, MySQL/SQL, GitHub, Model View Controller (MVC), Docker, Pair Programming, Software Development Life Cycle (SDLC), Test Driven Development (TDD), AI tools, 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-Tack Inventory Management** – Multi-location equipment tracking and transfer management app for organizations (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, Bootstrap) (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

- **AWS** Cloud Practitioner
- **Nucamp** | Mongo, Express, React, NodeJS

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

Zip Code Wilmington Internship | Wilmington, DE 05/2025 – Current
Software Engineer Intern

- Developed personal projects and contributed to hackathon presentations while supporting non-profits and small businesses with limited technical resources.

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 and 2016; 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

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- Integrated ventilator data into the EPIC medical documentation systems so that the ventilator and EPIC system had real-time connectivity