Kimberly O. Wilkes

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WORK EXPERIENCE

Information Technology Specialist 2

New York State Education Department, Albany, NY   August 2024 - Present

- Provide programming support for NYSED's applications (SEQAIS), developing and maintaining IT solutions and web applications using Java, SQL, JavaScript, HTML, and CSS.
- Collaborate with Program Office and IT staff to document and implement business requirements, ensuring solutions align with department standards and best practices.
- Identify and troubleshoot problems in applications, and implement solutions with unit and integration testing for code deployments, utilizing Jira and Confluence for work tracking and Git for version control.
- Participate in ongoing traineeship to enhance skills in various programming disciplines while actively contributing to projects. troubleshooting and resolving database and application issues to maintain system integrity.

Frontend Engineer

Littera Education, Wappingers Falls, NY (Remote)   March 2023 - February 2024

- Created and updated components, pages, and tests for SaaS RESTful website apps using React, JavaScript/Typescript, Next.js, Node.js, React Testing Library, Jest, and Material-UI, ensuring responsive and accessible components.
- Contributed to and maintained a custom UI component library used across multiple codebases, with documentation and tests for each component, which were previewed using Storybook.
- Collaborated with backend, product, and design teams to translate Figma designs and backend API contracts into frontend actionable steps in Jira tickets with documentation linking to BE tickets and prototype designs in Figma.
- Participated in the entire software development lifecycle, including design feedback, scoping, implementation, testing, and deployment of features and visual and functional bug fixes.
- Analyzed and improved code quality and testing coverage (>90%) through peer reviews, SonarCloud reports, and unit testing components throughout UX flows based on Test Driven Development (TDD).

Software Engineer II

Echobind, Boston, MA (Remote)   September 2020 - January 2023

- Created full stack RESTful websites and mobile apps for a variety of SaaS industries using React, React-Native, Typescript, Next.js, Node.js, Prisma, Postgresql, and Graphql.

- Developed and maintained websites using website builders such as Webflow, Makeswift, and Plasmic.
- Collaborated with design and strategy teammates to ensure client needs were met based on Figma prototypes and utilizing design frameworks and component libraries such as chakra-ui, Tailwind UI and Tailwind CSS, and Headless UI.
- Analyzed and maintained code quality utilizing best practices, and stress tested apps to identify and resolve visual and functional bugs.

2020 Hack.Diversity Fellow

Hack.Diversity**,** Boston, MA (Remote)   January 2020 - September 2020

- Selected as 1 of 75 candidates selected for 2020 Hack.Diversity Fellowship, a career leadership and workforce development program that integrated Boston's innovation, corporate civic, academic, and philanthropic pillars.
- Became Operations Team Lead for coordinating, developing, and building an application for the 2020 de.Hackathon.

Elementary Educator

Boston Public Schools, Boston, MA   August 2013 - June 2019

- Collaborated within and across grade level teams (2nd to 7th) to provide differentiated learning experiences using a variety of curriculum and technology resources with a focus on STEM.
- Communicated regularly with staff and families through phone, email, educational apps, and newsletters to provide additional resources to support student learning.

EDUCATION

Boston University, Masters of Science   May 2024 - May 2026

- Software Development

General Assembly, Certificate   June 2019 - October 2019

- Software Engineering Immersive

UMass Boston, Masters of Arts   August 2013 - July 2014

- Elementary Education

Amherst College, Bachelors of Arts   August 2009 - May 2013

- Black Studies and Psychology