

Wongani F. Jere

| Full-Stack Web Developer | Technical Instructor | Data & Integration Engineer |

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EXPERIENCE

Raleigh / Durham, NC

Integrity Support, Nashville, Tennessee (Remote) — Software Developer

2022-2024

- Enhanced customer-facing sites in a blended MVC/MVVM .NET Pattern EHR application using C#, Classic ASP, and JavaScript.
- Designed a customer/client-facing portal with integrated chat and signature-capturing components, increasing client-customer, and client-staff communication.
- Optimized SQL table structures, enhancing storage efficiency through custom array utilization with JSON and jQuery.
- Deployed and tested releases using Azure CI/CD tools on Cloud Services, leveraging Microsoft IIS on a cloud Windows Server.
- Created and optimized Stored Procedures, Views, and Scripts in Microsoft SQL Server, improving data retrieval and efficiency.

Trilogy, Lanham, Maryland (Remote) — Tutor

2022-2024

- Educated over 100 students worldwide on full-stack web development fundamentals, covering HTML, CSS, and JavaScript.
- Guided students in working with MySQL and NoSQL databases, utilizing back-end Node.js technologies such as Sequelize and Mongoose, enhancing their practical skills.
- Instructed students on building client-side applications using third-party APIs and creating RESTful APIs as well as GraphQL APIs.
- Taught the implementation of React for developing MERN stack single-page applications, significantly improving students' understanding of modern web development.

Youth Villages, Memphis, TN (Remote) — REDCap Specialist / Research Coordinator

2024-Present

- Improved business processes by integrating custom applications for REDCap created with Python to optimize data handling and efficiency with REDCap API interactions and CSV manipulation.
- Monitored data quality and survey response rates; generated reports for stakeholders using SQL, Excel, Vanerbilt's REDCap, and Snowflake.
- Led team training sessions on HTML, CSS, JavaScript, and SQL; and authored technical documentation and exercises.
- Troubleshoot and resolved REDCap issues; ensure compliance with data governance and project deadlines

Digital Brilliance Hour, Durham, NC — Teacher

2024-Present

- Collaborated with fellow teachers and staff to conduct dynamic and interactive classes to teach game development and music production to middle and high school students, fostering creativity and skills.
- Provided individualized guidance and support to students, promoting their personal growth and development by utilizing the provided curriculum to deliver engaging and comprehensive lessons, ensuring students grasped key concepts and acquired practical skills.
- Assessed student progress and provided constructive feedback to promote continuous improvement.

The Coding Bootcamp, Chapel Hill, NC (Remote) — Student

2021

- Mastered front-end and back-end development with HTML, CSS, JavaScript, Node.js, and React.
- Managed code efficiently using the command line and Git version control.
- Engineered full-stack applications, creating and consuming RESTful APIs, and performing CRUD operations with SQL and NoSQL databases.
- Built scalable MERN stack applications and implemented advanced software practices including testing (unit, component, integration, end-to-end), object-oriented programming, and CI/CD pipelines.

EDUCATION

Bachelor of Science in Business Management
East Carolina University

Full-Stack Coding Bootcamp
Trilogy / 2u / edX

CERTIFICATIONS

Emerging Leaders Certification
BB&T Leadership Institute

Cybersecurity
Google - Coursera

IBM Watson Analytics Certificate
IBM Technology Company

Microsoft Excel Advanced
Pearson Higher Education

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript ES6, jQuery, React.js, Bootstrap, Material UI, Tailwind CSS

Backend: Node.js, Express.js, Python, C#, Classic ASP, .NET, RESTful APIs, GraphQL API, Apollo Server, Snowflake

Databases: SQL, MySQL, MS SQL, NoSQL, MongoDB, MariaDB, PostgreSQL

Tools and Technology: Git, GitHub, GitLab, VS Code, Visual Studio IDE, Heroic, Azure, Docker, Docker Compose, Kendo UI, Mongoose, Sequelize, Handlebars, Postman, Insomnia, Adobe Suite, React.js (Context API & Redux)