PETER CHUKWUEMEKA OKAFOR

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EDUCATION

NNAMDI AZIKIWE UNIVERSITY
Bachelor of Science
BSC Statistics in lieu
Relevant Coursework: Data Analysis, Statistical Analysis; Survey Sampling; Algorithms;

September 2021 - Present

FANDESVIC INTERNATIONAL SCHOOL
West African Senior School Certificate Exam
Senior School Certificate Exam   September 2015- September 2021

WORK EXPERIENCE

APP TO MATCH   UNITED STATES || REMOTE
Software Engineer   **December 2020 – March 2023**

During my time at App to Match, I worked as a Software Engineer, focusing primarily on developing user interfaces with React.js and TypeScript. My role involved collaborating with cross-functional teams to design and implement scalable and maintainable front-end solutions. I was responsible for building and optimizing web applications, ensuring a seamless user experience through efficient and clean code.

Key Responsibilities:

- Developed and maintained web applications using React.js and TypeScript, ensuring high performance and responsiveness.
- Collaborated with designers and backend developers to create cohesive and visually appealing user interfaces.
- Implemented state management solutions using Redux and Context API to handle complex application states.
- Conducted code reviews and provided constructive feedback to maintain code quality and best practices.
- Utilized modern front-end development tools and frameworks, including Next.js, Tailwind CSS, and React Query.
- Participated in agile ceremonies, including sprint planning, daily stand-ups, and retrospectives, to ensure timely delivery of features.
- Troubleshot and resolved bugs, optimizing applications for maximum speed and scalability.
- Wrote unit and integration tests using Jest and React Testing Library to ensure the reliability of the codebase.

This experience allowed me to deepen my expertise in front-end development, sharpen my problem-solving skills, and contribute to a dynamic and innovative team environment. My time at App to Matt was instrumental in honing my technical abilities and preparing me for future challenges in the tech industry.

Pear Softwares

CEO AND FOUNDER

Nigeria

September 2021 – Present

As the CEO and Founder of Pear Softwares, I spearheaded the development of tailored digital solutions for clients, including websites, mobile apps, and AI applications. My role encompassed strategic planning, project management, and client engagement to deliver innovative technology solutions that drive business success.

Key Responsibilities:

- Founded and developed Pear Softwares, focusing on creating custom websites, mobile apps, and AI applications to meet clients' business needs.
- Led the strategic direction of the company, defining goals, managing operations, and driving growth.
- Oversaw the end-to-end development process of digital solutions, from initial client consultations and requirements gathering to project execution and delivery.
- Collaborated with clients to understand their specific needs and provided tailored solutions that enhanced their business operations and digital presence.
- Managed a team of developers and designers, ensuring high-quality deliverables and adherence to project timelines and budgets.
- Implemented best practices in software development, including Agile methodologies, to optimize project workflows and deliver high-performance solutions.
- Built and maintained strong client relationships, addressing their needs and providing exceptional customer service and support.
- Monitored industry trends and emerging technologies to keep the company at the forefront of digital innovation and competitiveness.

Learnrithm AI

CEO AND FOUNDER

Nigeria

February 2024– Present

As the CEO and Founder of Learnrithm AI, I led the creation and expansion of an innovative Edtech platform, utilizing my expertise in Next.js and programming. The platform is designed to enhance learning experiences through AI-driven solutions, including features like an AI Teacher and AI Quiz Generator. My role involved strategic leadership, product development, and business management to meet the needs of students and professionals.

Key Responsibilities:

- Established and launched Learnrithm AI, focusing on developing an AI-powered educational platform with features like personalized AI Teacher and AI Quiz Generator.
- Utilized my specialization in Next.js and programming to build and implement the platform's core features, ensuring a high-performance and scalable solution.
- Directed the strategic vision and operational management of the company, setting goals and executing plans to drive growth and innovation.
- Led the development of key features, integrating multimedia content and interactive elements to enhance learning experiences.
- Managed cross-functional teams, including software developers and content creators, to deliver user-centric and high-quality educational solutions.

- Oversaw the implementation of subscription plans, including a free plan and paid plans, to ensure accessibility and scalability.
- Applied data analytics to monitor user engagement and platform performance, making informed decisions to optimize features and improve user experience.
- Built and maintained strong relationships with users and stakeholders, addressing their needs and incorporating feedback for continuous improvement.
- Handled business operations, including financial management, marketing strategies, and partnerships, to ensure the platform's success and sustainability.

This role allowed me to leverage my skills in Next.js and programming to build a cutting-edge educational platform. Leading Learnrithm AI has been a significant experience in applying my technical expertise, strategic planning, and entrepreneurship skills.

GENESIS GROUP NIGERIA || ONSITE
Software Engineer   **MAY2024 – NOVEMBER 1ST 2024**

During my time at Genesis Group, I worked as a Software Engineer, primarily focusing on developing applications using Next.js. My role involved collaborating with cross-functional teams to design and implement scalable and efficient web solutions. I was responsible for enhancing and optimizing web applications to ensure a seamless and high-performance user experience.

Key Responsibilities:

- Developed and maintained web applications using Next.js, ensuring robust and scalable front-end solutions.
- Collaborated with designers and backend developers to integrate user interfaces and improve application functionality.
- Implemented server-side rendering and static site generation techniques to enhance application performance and SEO.
- Utilized modern development tools and frameworks, including Tailwind CSS and React Query, to streamline the development process.
- Participated in agile practices, including sprint planning, daily stand-ups, and retrospectives, to ensure timely delivery and high-quality features.
- Troubleshot and resolved bugs, optimizing applications for speed, reliability, and scalability.
- Conducted code reviews and contributed to maintaining code quality and adherence to best practices.
- Wrote unit and integration tests to ensure the stability and reliability of the codebase.

This experience allowed me to deepen my expertise in Next.js, enhance my problem-solving skills, and contribute effectively to a dynamic and innovative team environment. My time at Genesis Group was instrumental in advancing my technical abilities and preparing me for future challenges in software development.

Ag Fast Link Nigeria, Onsite

Front End Web Developer July **2021 – Sept 2022**

Experienced website developer with a passion for creating dynamic and user-friendly online experiences. Proven track record of successfully delivering high-quality web solutions for diverse clients. Proficient in front-end and back-end development, with expertise in HTML, CSS, JavaScript, and PHP. Skilled in utilizing modern frameworks and content management systems (CMS) to streamline development processes and enhance website functionality. Committed to staying up-to-date with the latest industry trends and technologies to deliver cutting-edge solutions.

Key Skills:
- Website Development: Extensive experience in designing and developing websites from concept to deployment, ensuring optimal user experience and functionality.
- Front-end Development: Proficient in HTML, CSS, and JavaScript, leveraging modern frameworks such as React and Angular to build interactive and responsive interfaces.

- Content Management Systems (CMS): Experienced in utilizing popular CMS platforms like WordPress and Drupal to create scalable and customizable websites.
- Responsive Design: Ability to develop mobile-friendly websites that adapt to various screen sizes, optimizing the user experience across

Contributions
- Collaborated with clients to understand their requirements and translated them into functional website designs.
- Developed and implemented custom websites using HTML, CSS, JavaScript, and PHP.
- Utilized content management systems (CMS) like WordPress to facilitate efficient website management and updates.
- Conducted thorough testing and debugging to ensure high performance and smooth functionality.
- Worked closely with design teams to ensure seamless integration of visual elements into website layouts.
- Maintained websites, performing regular updates, and implementing security measures.
- Assisted in website optimization and search engine optimization (SEO) strategies to enhance online visibility.

References:

Available upon request.

ADDITIONAL

Technical Skills:

Full-Stack Development:

1. Expertise in Next.js, React.js, and TypeScript for building scalable web applications.
2. Proficiency in MongoDB for database management and Prisma for ORM (Object-Relational Mapping).
3. Experience with Tailwind CSS and React Query for modern front-end development.

AI and Machine Learning:

1. Development of AI-driven solutions, including AI-powered educational tools and quiz generators.

2. Experience in integrating AI into various applications to enhance functionality and user experience.

Software Engineering:

1. Strong background in JavaScript and TypeScript for front-end and back-end development.
2. Proficiency in building and optimizing web applications for performance and scalability.

Project Management and Leadership:

1. Experience in managing development teams, project planning, and delivering high-quality software solutions.
2. Leadership roles in founding and leading tech businesses.

Data Analysis:

1. Skilled in data analysis and interpretation, using tools to make data-driven decisions and optimize applications.

Business and Entrepreneurship:

1. Expertise in establishing and growing tech startups, including strategic planning, business operations, and client management.

Achievements:

Awards and Recognition:

1. Best Programmer of the Academic Session for 2023-2024 in his faculty.
2. Best Programmer of the Year of the Month in the Anambra Techies competition.
3. Best Programmer of the Year in the Google Unizik End of Session Awards for 2023/2024.
4. Best Innovative App of the Month in the Rofako Group Awards for Learnrithm AI.

Competitions and Hackathons:

1. Reached the quarter-finals in the A2SV hackathon among over 600 applicants.
2. Reached the finals of the Art of Software competition with Learnrithm AI.

Professional Roles and Contributions:

1. Campus Lead for GitHub in 2023.
2. Student Campus Ambassador for Google in their GDSC (Google Developer Student Clubs) program, representing at Nnamdi Azikiwe University.

Product Launches and Innovations:

1. Successfully launched Learnrithm AI, an AI-driven educational platform, incorporating innovative features like AI Teacher and AI Quiz Generator.
2. Developed Pear Softwares, focusing on creating websites, mobile apps, and AI applications for clients.