

Chidera Kingsley

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SUMMARY

Highly-skilled and motivated software engineer with 2 years of experience. Passionate about building world-class products through proven software development and engineering skills.

EXPERIENCE

Frontend Developer

World Wide Techies (TalentYard)

April 2023 - Present, Remote

- Used Firebase read/write operations to implement a user-to-user chat feature for a web application, allowing users to communicate with each other and raising user engagement.
- Increased user engagement by 10% by developing React components that integrated with socket.io to enable users to connect to live streams.
- Built tutorial components for user guidance, reducing help request tickets by 20% per month, by rewriting documentation into interactive components implemented with React.
- Created README.MD documentation for internal projects which helped other developers find information faster.

Software Developer (Contract)

JSCODESPACE

March 2022 - March 2023, Montreal, QC

- Improved the students learning management system by developing and integrating Monaco code editor with react and JavaScript enabling students to submit coding tasks and assignment through the web application; resulting in a 80% increase in student productivity.
- Increased the security of a learning management system by creating a system which logs student activity, and validates it against an algorithm to prevent cheating, resulting in a 60% decrease in cheating incidents.
- Improved student assessment scores by redesigning the system to automatically calculate and store data.

Software Developer (Intern)

NIIT

May 2021 - September 2021, Lagos, Nigeria

- Built an automated task tracking system for desktop that enabled new interns to view, assign, and complete tasks using Python(Tkinter) and Django, resulting in a 20% decrease in the completion time of tasks.
- Wrote python script that executed code in a secure sandbox, decreasing the execution time by 2x and increasing security against malicious code by using the AWS lambda API for a browser code editor.
- Applied test driven development to achieve a 90% code coverage, providing continuous integration and deployment within an Agile environment.

PROJECTS

3D Shirt Customizer

Fashion • <https://three.jscodespace.com> • June 2023 - August 2023

- Developed a web-based application that redefines the way users personalize their clothing using DALLE AI. The application generates and integrates images, enriching the customization process using ThreeJS, React Three Fiber, Framer Motion, React colors, and Valtio. Resulting in a personalized 3D shirt design in less than 60 seconds.
- Designed and developed 3D personalization tool to improve the 3D customizing process by 2.3x, resulting in increased customer satisfaction by 40% and improved web page loading times by 30%.
- Reduced image-rendering time from 10 minutes to 30 seconds by optimizing the algorithm, allowing customers to visualize the 3D shirt customization in real-time and improving the user experience.

EDUCATION

Higher National Diploma, Mechanical Engineering

Minor in Computer science • Ogun State Institute of Technology • OG, Nigeria • 2021

SKILLS

Languages: JavaScript, Python, Typescript, SQL, HTML/CSS

Databases: MongoDB, PostgreSQL, MySQL

Technologies: NodeJS, ReactJS, NextJS, Redux, Git, Github, Bash, Tailwind CSS, OOP, Firebase, Prisma, AWS Lambda

