

PRINCE NKEM KONWEA

SOFTWARE DEVELOPER

 Abuja, NIGERIA

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PROFILE SUMMARY.

Intuitive Full-Stack Developer with 3 years of experience and passion, solving technical problems through the creation of robust web applications and their categories. Highly proficient in front-end (HTML, CSS, JavaScript, React.js,), back-end (Python, Node.js, Django), and Golang. Strong problem-solving skills, an effective collaborator in fast-paced environments, and a track record of delivering scalable solutions. Built over five applications and made immense collaborations on open source projects.

TECHNICAL SKILLS

- Scrum Agile Methodology
- Code Review
- Test Driven Development

SOFT SKILLS

- Communication
 - Attention to detail
 - Documentation
 - Analytical thinking
- Problem solving
 - Teamwork
 - Critical Thinking

TOOLS:

- Javascript
 - Typescript
 - Node JS
 - Golang
 - Code Review
 - Reactjs
 - Nextjs
 - Docker
 - Postgresql
- Postgresql
 - MongoDB
 - CSS
 - HTML
 - CI/CD
 - Test Driven Development
 - GraphQL
 - AWS

DOMAIN KNOWLEDGE

- Enterprise Software Development.
 - SaaS
- Web Application Development.
- Mobile Application.
- Blockchain

WORK EXPERIENCE.

cp365 (Australia)

November, 2023 - Present

Fullstack-developer

- Carried out the migration of the queuing service from Amazon MQ to AWS SQS, optimizing system efficiency and performance.
- Developed and implemented a cron job script to automate the retransmission of email invitations to patients, ensuring timely communication and engagement.
- Extracted ICD (International Classification of Diseases) JSON data locally within the codebase and seamlessly integrated it into MongoDB, enhancing data query and retrieval capabilities.
- Designed and constructed a responsive user interface for profile updates within the Practitioner Admin console, fostering an enhanced user experience.
- Orchestrated the construction and integration of Stripe endpoints into the billing section user interface, facilitating secure and efficient payment processing.
- Collaborated with cross-functional and in-house engineering, design & business team to understand and align requirements for brand and business objectives.

Wisper (Lagos, Nigeria)

August, 2022 - Sept., 2023

Fullstack-developer

- Collaborated with cross-functional teams to gather project requirements and translate them into technical specifications, while identifying improvements to implement RESTful APIs in order to facilitate seamless communication between the frontend and backend components.
- Architected a CI/CD pipeline for deploying a node/express Rest-Apis using Docker, Docker-compose, docker-swarm and Nginx as a load balancer on a Digital Ocean server droplet, thereby reducing the downtime of microservices by 90% and ensuring continuous integration and deployment.

- Collaborated with UI/UX designers in building a user-centric executive dashboard that visualized collections and user registrations in graphs and charts, utilizing React JS and D3.
- Maintained web efficiency by resolving complex technical issues and bugs through thorough debugging and troubleshooting until launch.

Bunches (New York, United States)

October, 2021 - May 2022

Frontend-developer

- Collaborated fully with cross-functional teams, including designers, project managers, and quality assurance engineers, to gather requirements, plan project milestones, and input suggestions and ideas, thereby increasing software delivery rate by 30%
- Conducted code review, identified performance bottlenecks, and implemented migration of codebase using context-API, to Redux, which increased user's data access speed.
- Implemented performance optimization using Realtime updates, allowing group messages, complete emoji reactions, direct responses to messages in group chat, and keyboard shortcuts, which increased the user's flexibility and advanced the software in its goal.
- Contributed new functionalities to the software to improve application speed, scalability, maintainability, and user experience using Reactjs and Tailwind CSS and consumed a graphql API using the Apollo client

OPEN SOURCES

Wasp (Zagreb, Croatia)

Software Developer

June, 2023 - current

- Actively collaborated on the project, following best practices, maintaining precise and comprehensible documentation, conducting code reviews, and providing constructive feedback to peers to ensure code quality and adherence to best practices for team members while expressing problem-solving skills to upgrade project's functionality.
- Identified and resolved technical issues implementing programming languages, including JavaScript and Golang.
- Collaborated with the UI/UX collaborator to design and integrate a scalable feature that aligned with project objectives, using React and Nodejs.
- Authored the building of a significant feature in the project, along with reviewing, thorough debugging, and fixing multiple bugs.
- Continuously troubleshoot and resolve production issues promptly to minimize downtime and maintain service availability.

PERSONAL PROJECTS

Restaurant-management-API

This project seeks to build a prototype version of the restaurant management industry, online, giving it a seamless and functional edge

- Created project plan to accommodate functional, business, and aesthetic objectives online, recognizing its scarcity in the food of the hospitality division industry.
- Developed a robust API using Golang, ensuring efficiency in request and access procedures.
- Architected the software to accommodate menu management, order processing, table reservations, and inventory tracking in a comprehensible and flexible manner, implementing RESTful to ensure high-performance, scalability, and seamless receiver operations.

URL shortening service

Similar to bit.ly, the project re-creates URL shortening activities, capitalizing on speed, efficiency, and reliability.

- Built the solution to provide users with the ability to produce concise and manageable links from long URLs, thereby ensuring direct and customizable messages in URLs, integrating Go Fiber, Redis, and Docker.
- Eliminate slow and confusing redirections of shortened URLs by original URLs by leveraging the speed and efficiency Go Fiber provides, alongside the data persistence of Redis, for user satisfaction.
- Simplified and permits easy scalability of deployment process by containerizing codes using Docker.

Chat-application

A personal project to re-invent the popular WhatsApp chat app, integrating key languages to produce a seamless chat interface.

- Deployed ReactJS, Node.js, and Socket I.O. to create a full stack interactive chat application enabling real-time communication and a comfortable and seamless user experience and ensuring users enjoy smooth, instant messaging.
- Developed user-centric front end utilizing ReactJS, thus materializing a responsive and natural user interface for users to enjoy.
- Built the back-end to facilitate efficient server-side logic and API integration, leveraging Node.js, ensuring user interactions are void of glitches.
- Powered real time bi-directional communication between users void of glitches using Socket.I.O. ensuring users experience a coherent communication flow.

EDUCATION:

University of Benin

BSc. Biology

2015 - 2019