

Erick adikah

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Profesional Summary

I am a dynamic software engineer with two years of professional experience in both front-end and back-end development, coupled with over two years of expertise in graphic design. Proficient in JavaScript, Python, and Next.js, my focus lies in designing, implementing, and maintaining scalable services that drive impactful solutions in the realm of payments within the e-commerce industry.

My track record includes spearheading the development of robust systems, resulting in significant improvements in efficiency and reliability. I am passionate about leveraging my skills to create cutting-edge solutions that fuel business growth and success. For instance, I actively contributed to enhancing payment integrations, ensuring seamless transactions and superior user experiences.

Experience

Kenya Home Warranty

My Key responsibilities:

- Spearheaded the development and implementation of secure and reliable payment methods, enabling seamless transactions through M-Pesa and PayPal for the company's e-commerce platform
- Successfully integrated M-Pesa and PayPal APIs, ensuring smooth payment processing and enhancing user experience, resulting in a 20% increase in completed transactions
- Designed and developed RESTful APIs to facilitate data exchange between the front-end and back-end systems, optimizing communication efficiency and reducing response times
- Implemented robust security measures, including tokenization and encryption, to safeguard sensitive payment information and comply with industry standards
- Conducted regular code reviews and performance optimizations,

ensuring code quality, scalability, and maintainability of the back-end systems

- Actively contributed to the team's agile development process, participating in sprint planning.

Acuitus-duo consultancy

My responsibilities:

- I created the entire application, serving as the sole developer responsible for both front-end and back-end development.
- designed and implemented the user interface, ensuring an intuitive and visually appealing experience for visitors.
- developed scalable back-end functionalities
- integrated essential functionalities, such as integration with Postmark for sending and receiving messages for easier communication with clients.
- successfully delivered the project within the established timeline, meeting client expectations, and achieving positive feedback.
- Deployed the application

Mwenda Royford and company advocates:

My responsibility:

UI Design Using Figma:

Designed intuitive and visually appealing user interfaces using Figma, ensuring a seamless user experience.

Collaborated with stakeholders to gather requirements and translate them into wireframes and prototypes.

Iterating on designs based on feedback and usability testing, refining the UI to meet client and user needs.

Backend Development:

Developed robust and scalable backend functionalities to support the application's core features, focusing on communication functions such as messaging and notifications.

- Implemented RESTful APIs and integrated them with the frontend to enable seamless data exchange between the client and server.
- Utilized modern backend technologies and frameworks to ensure high performance, reliability, and security of the application.

Project Delivery:

- Successfully managed project timelines and milestones, coordinating with cross-functional teams to ensure timely delivery of deliverables.
- Regularly communicated project progress to stakeholders, addressing any concerns or obstacles to keep the project on track.
- Adhered to established project requirements and specifications, delivering a final product that met or exceeded client expectations.

Deployment:

Led the deployment process, configuring servers, and deploying the application to production environments.

Implemented continuous integration and deployment (CI/CD) pipelines to automate the deployment process and streamline updates and releases.

Conducted thorough testing post-deployment to verify the application's functionality and performance in the live environment.

Qualification

Technical Skills:

- Strong understanding of web development using JavaScript and TypeScript, with experience in building responsive and interactive user interfaces using React.js/Next.js.
- Developed a responsive e-commerce website using React.js and integrated Redux for state management.
- Proficient in backend development with Node.js, including building RESTful APIs and server-side rendering with Express.js.
- Designed and implemented a RESTful API for a social media platform using Node.js and Express.js, allowing users to create, read, update, and delete posts.
- Familiarity with Python and frameworks like Django and Flask for web application development.

Database Skills:

Experience working with MongoDB, Redis, and Postgres, including database design, querying, and optimization.

I designed and implemented a MongoDB database schema for an ecommerce application, optimizing queries for efficient data retrieval.

Utilized Redis for caching frequently accessed data to improve application performance.

Soft Skills:

I have excellent communication skills, demonstrated through effective collaboration with cross-functional teams and stakeholders.

Facilitated regular stand-up meetings with the development team to discuss project progress and address any blockers, ensuring timely delivery of features.

Strong problem-solving abilities, with a proactive approach to addressing technical challenges and finding innovative solutions.

Successfully resolved a critical issue with database performance by identifying bottlenecks and implementing caching strategies, resulting in a significant improvement in application responsiveness.

Education

Graphics Design January 2020 - Dec 2021,

Zetech College Nairobi

Logo Design: demonstrated the ability to create visually compelling and memorable logos that effectively represent the essence and values of diverse brands. Mention any specific industries or types of logos you've designed

Flyer and Poster Design: Proficient in crafting eye-catching flyers and posters for various events and promotional campaigns, effectively combining design elements to capture the target audience's attention.

Digital Illustrations, User Interface (UI) Design, Web Graphics and Asset

Certificate in Software Engineering (Back-end development)
April 2021-June 2022

Alx-Africa

Full-stack Web Development Course

The course covers a wide range of topics, Including:

- HTML, CSS, Javascript, Python, and Bash Scripting
- Node.js and Express.js
- Python (Django and Flask)
- MongoDB and SQL
- Git and version control
- Agile software development methodologies
- Deployment and hosting of web applications
- DevOps

Interests

Architecture: I have a keen fascination for architecture, exploring the intricate fusion of design, functionality, and aesthetics that shape our built environment. I enjoy studying iconic architectural landmarks and contemporary designs, which inspire my creativity and problem-solving skills.

Technology: My enthusiasm for technology drives me to stay up-to-date with the latest advancements in the industry. I am passionate about exploring innovative tech solutions and understanding how they can be integrated into various aspects of daily life, work, and design projects.

Reading: I am an avid reader with a diverse range of interests. Books on architecture, design, technology, and innovation captivate me, as they expand my knowledge and provide fresh perspectives that fuel my creativity.

Link to my Github <https://github.com/Erickadikah>