CURRICULUM VITAE (CV)

PERSONAL DETAILS

NAME: Kisang Kipkosgei Alex

POSTAL ADDRESS: P.O Box 3900-30010, Eldoret

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NATIONALITY: Kenyan

PORTFOLIO: [Click]

CAREER OBJECTIVE

My current objective is to transition into Artificial Intelligence, leveraging my proficiency in the MERN stack. I aim to apply my skills in developing innovative AI solutions that push the boundaries of technology and contribute to solving real-world challenges.

SUMMARY

As a dedicated and innovative software developer, I aim to leverage my expertise in full-stack development to create impactful, user-friendly applications. With a solid foundation in technologies such as React.js, Node.js, Express.js, and MongoDB and TailwindCSS, I am committed to continuously improving my skills and contributing to dynamic projects. I seek to join a forward-thinking organization where I can collaborate with a team of talented professionals, solve challenging problems, and drive technological advancements to deliver exceptional solutions.

SKILLS

1. Proficient in MERN Stack (MongoDB, Express.js, React.js, Node.js.
2. Strong understanding of JavaScript and modern front-end frameworks.
3. Experience with AI and machine learning concepts using tools such as Tensorflow.js
4. Skilled in building cross platform mobile applications using React Native.
5. Adept at using Docker and Kubernetes for containerization and orchestration.

EDUCATION

INSTITUTION	YEAR OF STUDY	QUALIFICATION
KCA University	2018-Present	Bachelor's of Degree in Software Development
Moi university Secondary School	2013-2017	Kenya Certificate of Secondary Education
Yatoi Primary School	2005-2012	Kenya Certificate of Primary Education

WORK EXPERIENCE

Sole Developer Mfarusi

Insurance Agency

Ongoing

From 20/2/2024 to Date

Responsibilities

1. Defined the project scope, goals, and deliverables and established a timeline and set milestones for ongoing development.
2. Conducted market research to identify user needs and competitor features.
3. Gathered and analyzed requirements for current and future website functionalities.
4. Developed wireframes and mockups for the website layout.
5. Created a user-friendly interface focused on usability and accessibility.
6. Utilized Reactjs for building reusable components and TailwindCSS to build responsive web pages.
7. Implemented cross-browser compatibility and optimized page load speed.
8. Developed server-side logic and database management (using Node.js, Expressjs and MongoDB) .
9. Integrated APIs and third-party services to enhance functionality.
10. Continuously iterated on design and functionality based on testing results and user input
11. Created comprehensive documentation for current development processes.

Sole Developer Pamoja
Tech Ventures Limited
Completed

From 11/7/2022 to
1/1/2024

Responsibilities:

1. **Project Planning and Management:**
   - Defined project scope, objectives, and deliverables for etakenya.net.
   - Established timelines and milestones for ongoing development phases.
2. **User Research and Requirements Gathering:**
   - Conducted research to understand the needs of foreign users uploading data and making payments.
   - Gathered and documented functional and non-functional requirements for the website.
3. **UI/UX Design:**
   - Designed an intuitive user interface with React to enhance user experience for data uploads and payments.
   - Developed wireframes and prototypes to visualize the user journey.
4. **Front-End Development:**
   - Utilized React.js to create responsive and dynamic web pages.
   - Implemented user-friendly components for data entry and payment processing.

5. **Back-End Development:**
   - Built a RESTful API using Express.js and Node.js to handle server-side logic.
   - Developed MongoDB database schemas to store user data securely and efficiently.
6. **Payment Integration:**
   - Integrated secure payment gateways (Flutterwave) for seamless transactions.
   - Ensured compliance with payment security standards
7. **Data Management and Security:**
   - Established protocols for secure data handling and storage to protect user information.
   - Implemented authentication and authorization mechanisms (JWT) to secure user sessions.
8. **Testing and Quality Assurance:**
   - Conducted rigorous testing, including unit and integration tests, to ensure functionality and performance.
   - Gathered user feedback to identify areas for improvement and resolve issues.
9. **Ongoing Maintenance and Updates:**
   - Managed regular updates to enhance functionality and incorporate user feedback.
   - Monitored website performance and security, applying patches and updates as needed.
10. **Documentation:**
    - Created detailed documentation for the development process, including API endpoints and user guides.
    - Maintained records of updates and changes for future reference.
11. **User Support:**
    - Provided ongoing support to users, addressing inquiries related to data uploads and payments.
    - Monitored user interactions to identify and resolve issues promptly.

Intern

RetailPay Africa

From Date 8/10/2020

To 20/5/2021

Responsibilities

1. Installation, configuration, and maintaining computer systems.
2. Email support, setting up new users' accounts and profiles and updating email signatures.
3. Social Media management.
4. Troubleshooting system and network problems and diagnosing and solving hardware or software faults and replacing parts as required.
5. Supporting the ERP system.
6. Establishing a good working relationship with customers and other professionals, such as software developers.
7. Proactively assist in backup and recovery operations by assisting in maintaining and monitoring backup equipment and data.

8. Liaise with ICT officer to keep track of ICT inventory.

Referees

1. Simon Mwendia
   Dean and Senior lecturer of School
   of Technoly KCA University
   Email: smwendia@kcau.ac.ke

2. Collins Oyugi
   CEO Mfarusi Insurance Agency
    Email:Collins@mfarusi.com
   Phone No: 0725548814

3. Ben Terer
   CEO Pamoja Tech Ventures Limited
   Email:bentterer@gmail.com
   Phone No: 0722272247