DAVID KING'ASIA

Software Developer

PROFILE

To be a dedicated team player with a focus on addressing identified technological gaps through needs assessment, followed by careful monitoring, evaluation, and implementation.

CONTACT

PHONE:
+254741520923

EMAIL:
davidmakokhakingasia@gmail.com

EDUCATION

Bachelor's Degree in Computer Science.
College: Pwani University
Period: 2016 – 2020.

Kenya Certificate of Secondary Education (KCSE)
School: Boma Boys' High School
Period: 2012 - 2015

WORK EXPERIENCE

Company: Fides Kenya Limited (Dummen Orange)
Position: Software Developer
Period: April 2022 - Present

Carried out design, coding, testing, deployment, and maintenance of Kijani software aimed at digitizing raw data collection via Android mobile application.

Implemented custom data collection using Kobo Collect App.

Company: Ranes Enterprise Limited
Position: IT Support (Volunteer)
Period: January 2021 – December 2021

Designed, coded, deployed and maintained company website. Assisted in digitization of maps.

Company: Department of Civil Registration-Trans Nzoia County, Kenya
Position: Data entry and verification clerk
Period: August 2019 – April 2020

Carried out entry and verification of birth and death data records in Civil Registration Systems.

Company: Kenya National Bureau of Statistics
Position: Enumerator
Period: September 2019

Conducted household surveys for the purposes of recoding census data.

SKILLS

- Languages: Dart, PHP
- Web Technologies: HTML, CSS, JS, Laravel v9 and v10, Bootstrap 4/5, Tailwind CSS, Alpine JS, Livewire, jQuery
- Mobile Technologies: Flutter, Play Console
- Database: SQLite, MySQL
- Tools: VS Code, Android Studio
- Containerization: Docker
- API Development & Testing: Postman, RESTful API
- Collaboration tools: Slack, Microsoft Teams
- Code Versioning: GitHub. Git
- Software management: Jira

PROJECTS

1. Kijani Data App – An offline Android quality data collection mobile app connected to on-premises server via intranet.
   The mobile app helps to digitize data collection in the field thereby improving data integrity and data availability of uploaded data.

   The app is built using Flutter Framework, SQLite DB, Postman.

2. Kijani Portal – A role-based access control web application that manages quality of harvested flower cuttings.
   a) Used for monitoring performance of harvesters and quality monitors.
   b) Used for analysis of quality of flowers per greenhouse.
   c) Achieves aggregation of data in a central platform.
   d) Achieves management of Critical to Quality (CTQ) data.

   Built using Laravel v9 and v10 framework, MySQL DB, Bootstrap 4/5, Tailwind CSS, Alpine JS, Livewire, jQuery.

ACHIEVEMENTS

1. Developed proprietary software in use by 50 users.
2. Analyzed system functionality and improved performance by caching API data requests thereby reducing backend server hits.
3. Configuring of Kobo Toolbox on custom local server to aid in data collection.
4. Recognition in the company magazine in the 'Innovation' section.

HOBBIES

1. Mentoring aspiring software developers.
2. Travelling to new places.
3. Watching live football.

REFERENCES

Available upon request.