

IKONDE NEKEMIAH ARNOLD

SOFTWARE ENGINEER

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<https://arnoldnekemiah.github.io/portfolio-new/>

SUMMARY

Experienced software engineer proficient at enhancing code quality, guiding junior developers, and delivering solutions for diverse projects. I have created a poultry disease recognition mobile app using Java and machine learning, and crafted a Netflix clone using vanilla JavaScript. I am eager to contribute my skills to innovative companies focused on impactful software solutions.

SKILLS

Front-End: JavaScript, React, Redux, HTML5, CSS3

Back-End: Ruby, Rails, MySQL

Mobile Application Development : Java, Kotlin

Robotics: Arduino Programming

Tools & Methods: Git, GitHub, Kanban, Netlify, Mobile/Responsive Development, TDD, Chrome Dev Tools

Professional: Remote Pair-Programming, Teamwork, Mentoring

EDUCATION

MICROVERSE

Jun, 2023 – Present

Remote Full Stack Web Development Program, Full-Time

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair programming, using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

Busitema University

Aug 2018 – Dec 2022

Bachelor of Science in Computer Engineering

- Web development Concepts
- Mobile Application Development Concepts
- Artificial Intelligence
- Networking
- Robotics

Buddo Secondary School, Wakiso

Jan 2016 – Nov 2017

Uganda Advanced Certificate of Education

Teso College, Aloet

Jan 2012 – Nov 2015

Uganda Certificate of Education

Budo Junior School

Feb 2005 – Oct 2011

Primary Leaving Education

EXPERIENCE

HIGHLIGHTED PERSONAL PROJECTS

Remote

Full Stack Web Developer

Jan 2023 – Present

Metflix — Single-page app that lists movies by categories. Users can like their favorite movies, open details about each movie and leave comments.

- Built with: (JavaScript)

Busitema Music — This is a music player mobile application built purely with Kotlin, It loads music stored locally in the phone so you can play the music

- Built with: (Kotlin)

Poultry Disease Recognition App — This is an app made for farmers to recognize poultry diseases that can be identified from Chicken faecal images by just scanning.

- Built with: (Java, Python)

MICROVERSE

Remote

Mentor (Volunteer)

Jun 2023 – Jul 2023

- Mentored junior web developers, providing technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance.
- Provided advice and tips on how to maintain motivation to maintain longevity in the program.

BUSITEMA UNIVERSITY ARTIFICIAL INTELLIGENCE AND
INTERDISCIPLINARY RESEARCH

Busia, Uganda

Intern

Mar 2022 – Apr 2022

- Engaged in use of Basics of AI to develop models and carry out Data analysis

INTELLECTSOFT (Software Development Company)

Kampala, Uganda

Intern

Mar 2020 – Apr 2020

- Developed Mobile Applications using Kotlin.