Curriculum Vitae

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Personal Information

Date of Birth: 4th February 1998
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Profile

A highly motivated and detail-oriented Software Engineer with a strong foundation in software development, mobile applications, and IT support. Passionate about creating innovative digital solutions that improve efficiency, empower communities, and solve real-world challenges. I aim to leverage my skills in Android development, system administration, and project execution to contribute to forward-thinking organizations while continuously advancing my technical and leadership expertise.

Work Experience

IT Assistant – Woodridge Senior School — September 2023 – December 2024

● Provided IT support to staff and students, ensuring smooth daily operations of ICT systems.
● Performed routine system maintenance, updates, and troubleshooting for hardware and software.
● Assisted in the setup, configuration, and management of computer labs and school networks.
● Trained users on best practices in digital literacy, safe computing, and productivity tools.

Industrial Attachment (Intern) – Kieni Dairy Products Ltd — April 2022 – August 2022

● Contributed to the development and maintenance of the organization's ERP system.
● Assisted in system administration, database management, and troubleshooting of IT-related issues.
● Collaborated with the ICT team to streamline business processes and improve efficiency.
● Gained hands-on experience in real-world IT operations within a busy corporate environment.

Education

Murang'a University of Technology

Bachelor of Science in Software Engineering (Upper Second Class Honours), 2018 – 2023

Mahiga Hope Secondary School

Kenya Certificate of Secondary Education (KCSE), B Plain, 2014 – 2017

Mahiga Primary School

Kenya Certificate of Primary Education (KCPE), 252 marks, 2005 – 2012

Projects

Chama Trust App – Merry-Go-Round Group Management App

● Designed and developed an Android application to manage savings groups.
● Features include automated contributions, randomized beneficiary selection, group balance tracking, M-Pesa integration, and withdrawal approvals.
● Technologies used: Kotlin, Jetpack Compose, Room, Firebase, Hilt, Retrofit, WorkManager.

Weather App – Android Mobile Application

● Developed a weather forecast app using Retrofit and Jetpack Compose.
● Integrated REST APIs for real-time weather data.
● Implemented clean architecture with Hilt for dependency injection and coroutines for asynchronous tasks.

Fiload (Expense Manager App)

● Built an app for personal expense tracking and budgeting.
● Implemented categories, expense history, and analytics dashboards.
● Applied Jetpack Compose and Room for modern UI and local data storage.

Key Skills

Programming Languages: Kotlin, Java, Python (basic)
Mobile Development: Android Studio, Jetpack Compose, Room, WorkManager, Retrofit, Hilt, Firebase
Backend & APIs: REST API integration, basic system administration
Tools & Version Control: Git, GitHub, IntelliJ IDEA
Soft Skills: Problem-solving, teamwork, communication, adaptability, project management

Leadership & Extracurriculars

• Active participant in tech communities and hackathons, focusing on Android development.
• Mentor and peer tutor during university, helping fellow students understand programming and software development concepts.
• Passionate about empowering communities through technology-driven solutions.