CURRICULUM VITAE

NAME: KIRAGU KEN WANGERA
DATE OF BIRTH: 27TH MAY 2001
ID NO: 38383859
PHONE NO: 0700778847
GENDER: MALE
NATIONALITY: KENYAN
MARITAL STATUS: SINGLE
RELIGION: CHRISTIAN
LANGUAGES: ENGLISH, KISWAHILI

PROFILE

Enthusiastic and highly skilled Software Engineer with a strong background in Android development and networking. Passionate about tackling complex hardware challenges, with a keen interest in machines and their intricate systems. Committed to delivering innovative solutions that bridge the gap between software and hardware realms.

EDUCATIONAL BACKGROUND

2023–Present: Kenyatta University – Cisco Networking
2019–2023: Murang'a University of Technology – Bachelor of Science in Software Engineering
2015–2018: Nyandarua High School – Kenya Certificate of Secondary Education (KCSE)
2010–2014: Moi Primary School – Kenya Certificate of Primary Education (KCPE)

WORK EXPERIENCE

October 2023 – January 2024
Origamo Android Development Project
• User Interface design and prototyping to create visually appealing and user-friendly interfaces.
• Creating custom UI components using Jetpack Compose's composable functions.
• Managing UI state using Compose's state management features.
• Applying themes and styles to ensure a consistent look and feel across the application.
• Integrating data sources into the UI such as fetching and displaying data from APIs.
• Writing unit tests for compose components.
• Ensuring compatibility with different Android versions and devices.
• Documenting code and design decisions.

September – December 2024
Techsavanna Technology – Software Development Intern
• Collaborated on multiple software development projects across various industries.
• **Total Energies Project:** Contributed to front-end development using React, implementing responsive UI components and improving user experience.
• **Parklands Sports Club Project:** Developed and customized Frappe web applications, enhancing system functionality and design consistency.
• **E-Gauge Project:** Designed and implemented front-end interfaces, ensuring seamless integration with back-end APIs and optimized performance.
• Participated in code reviews, version control using Git, and agile sprints to ensure timely project delivery.
• Gained hands-on experience with modern software development workflows, debugging, and deployment best practices.

June – August 2023
Cengwang Electronic Repair Shop
• Diagnostic testing to find the root cause of electronic device malfunctions.
• Component-level repair or replacement of faulty electronic components.
• Repair or replacement of damaged screens and displays on devices.
• Software troubleshooting on corrupted operating systems, firmware issues, and software conflicts.
• Retrieval and recovery of data from malfunctioning or damaged storage devices.
• Quality control and testing to ensure all identified issues have been addressed.

May – July 2020
County Assembly of Nakuru (Attachment)
• Supporting the roll-out of new applications.
• Conducting safety checks on computer equipment.
• County Assembly's webpage upgrade and maintenance.
• Troubleshooting hardware problems and installing programs in different offices.
• Ensuring all office computers from different departments are connected to the server.
• Conducting electrical safety checks on computer equipment.
• Setting up user accounts and profiles and dealing with passwords.
• Creating end-to-end network cables and fully creating a network infrastructure.

KEY SKILLS AND CHARACTERISTICS

Android Development (Kotlin), Software Design and Development, Front-end Development, Debugging and Profiling,
Version Control (Git), Algorithmic Thinking, Cisco NETACAD Graduate, Critical Thinking and Problem Solving,
Communication and Interpersonal Skills, Attention to Detail, Continuous Learning, Creativity,
Time Management, Collaboration and Teamwork.

ACTIVITIES AND INTERESTS

Swimming, Dancing & Playing Board Games

REFEREES

CPA Jane Waweru
Clerk of the County Assembly of Nakuru
P.O. Box 907-20100, Nakuru
Tel: 0722367167

Rev. Paul Wahome
PCEA Neema Church
P.O. Box 3904, Nakuru
Tel: 0720672353

Prof. Raphael Muchangi
Lecturer, Egerton University
P.O. Box 13860, Nakuru
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