MESHACK NKOSI

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Mobile Flutter Developer

PROFILE

I'm a forward-thinking Developer with a strong focus on customer satisfaction and a track record of delivering diverse software solutions. Over the years, I've crafted and launched numerous applications, and websites for both personal endeavors and client projects. My responsibilities span beyond mere coding, I delve into software construction, troubleshooting, performance enhancements, and interface refinements. I've contributed to system testing efforts and collaborated closely with stakeholders to address technical challenges, be it system design or ongoing maintenance. My expertise encompasses a broad spectrum of programming languages and a deep understanding of the software development life cycle.

Skills: Flutter Front-End & Dart, Basic HTML & CSS, Git, Basic Java, Google Cloud Platform, MySQL

Project Links: Developer account │ LinkedIn │ Github │ Personal website

WORK EXPERIENCE

IT HelpDesk, Masegare & Associates Inc - Midrand
Contract: 3 Months

August 2024 - October 2024

- Manage the company's IT infrastructure, ensuring consistent connectivity through Rain and Telkom mobile routers.
- Maintain and troubleshoot Microsoft Office (2016, 2012, 2007) applications, Outlook, and Teams, ensuring seamless communication and collaboration.
- Oversee domain email services, ensuring proper configuration and support for staff.
- Edit and maintain the company's website using WordPress and create responsive landing pages using HTML, CSS, Bootstrap, and JavaScript.
- Ensure functionality of printers on the premises by performing troubleshooting and coordinating with third-party service providers.
- Provide technical support for laptop and desktop issues, including software installation and hardware troubleshooting.
- Respond to internal queries and issues via phone, email, and in-person, delivering prompt and effective solutions.
- Create and update the companies designs such as the logo, signatures, advert posters, & banners.

Mobile Application Developer, Cognitive Things - Midrand

July 2023 – Jul 2024

- Cloud Services: Google Cloud Platform, including Firestore, Storage, and Real-time Database for backend support and data management.
- Application Development: Create and maintain in-house applications tailored to meet internal business requirements, ensuring alignment with user needs and business goals.
- Bug Identification and Resolution: Diagnose and fix bugs on the frontend to maintain optimal app performance, reliability, and functionality.
- Feature Enhancement: Add new features and refine existing system interfaces to improve user experience and usability.
- Quality Assurance: Conduct thorough testing to ensure high quality and efficient performance across all developed software solutions.
- Team Collaboration: Work closely with cross-functional teams to coordinate seamless implementations and updates for all applications, ensuring clear communication and minimal disruption.
- Ad Integration: Implement Google AdMob ad formats (Banner, Interstitial, and Native ads) using the Provider package in Flutter to generate revenue.

Technologies used:
- Languages & Frameworks: Flutter and Dart
- Development Environment: Android Studio
- Cloud Services: Google Cloud Platform, including Firestore, Storage, and Real-time Database for backend support and data management.

Mobile Application Developer, Yueway   Jun 2022 — Jun 2023

- Full-Cycle Application Development: Built and maintained mobile applications from scratch, gaining valuable hands-on experience across all stages of the development lifecycle, from planning to deployment.
- CMMS Application Development: Designed and implemented an in-house Computerized Maintenance Management System (CMMS) application to streamline work order and asset management processes. This app improved operational efficiency by simplifying maintenance tasks and optimizing resource allocation with a user-friendly interface.
- Enhanced Decision-Making: Integrated comprehensive reporting and analytics capabilities to provide insights into maintenance workflows, enabling better decision-making and proactive resource planning.
- Revival Life Ministry App: Developed the Revival Life Ministry app tailored for churches, aimed at enhancing community engagement, fostering communication, and providing event updates to members.
- System Analysis and Recommendations: Evaluated information and analyzed system requirements to recommend and plan the installation of new systems or modifications to existing systems, ensuring alignment with evolving business needs.

Technologies used:
- Languages & Frameworks: Flutter and Dart
- Development Environment: Android Studio

Project Links: Revival Life Ministries | CMMS

Part Time IT Administrator, PL Steel Services, Boksburg   Jun 2023 — Jul 2023

- Network troubleshooting
- User administration
- Device(Pc's, laptops, printers) troubleshooting
- Worked on telephone management systems to retrieve phone records, create user profiles and assigning individuals to their specific address.
- Managed multi functional authentication (mfa)
- Managed multi functional printers (mfp)
- Software installation on desktops and laptops
- Backups with Veeam.
- Remote technical services to internal employees
- Internal support
- Working on the active directory controller to manage users and policies(ADC)
- Creating users base on different departments.
- Unlocking blocked users from the server.
- Creating VPN for users to work from home.

XR Developer Trainee, CXIA-Africa - Midrand   Jan 2022 — Jun 2022
6 Months Learnership

- Learning the implication of AR/VR applications with engine unity
- Creating 3D models of various objects with Blender software.
- Photogrammetry techniques with Blender
- 3D model texturing using blender
- Firebase firestore fore cloud storage with simple C# applications

EDUCATION

Diploma in Information Technology,   2017 Jan— Feb 2022
Vaal University of Technology - vanderbijlpark Park

- I completed my Diploma in Information and Technology during the year 2022.

Senior Certificate, Windmill Park SecondarySchool   Jan 2011 — Nov 2016

- I completed my Senior Certificate at Windmill Park Secondary School at Boksburg in the year 2016

Courses

- AWS Services - Udemy   Nov 2024 - currently
- Java - IBM   Jan 2021 — Jul 2021
- Python level 1 - Cambridge Certification Authority   Feb 2021 — Sep 2021
- Data scientist and analytics - IBM   Feb 2021 — Jun 2021
- UX Deign - Cousera   Jun 2021 — Sep 2021
- IT Essentials - Vaal University of Technology   Feb 2018 — Nov 2018
- CCNA Routing and Switching: Routing
  and Switching Essentials - Cisco NetAcad   Feb 2019 — Jun 2019
- CCNA Routing and Switching: Introduction to
- Networks - Cisco NetAcad   Jul 2019 — Nov 2019
- Artificial intelligent - IBM   Jun 2021 — Nov 2021

REFERENCES

Available upon request
Human Resource
Masegare & Associates Incorporated
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Available upon request
Skhumbuzo Simelane
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