

LUFUNO NEMUDZIVHADI

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Recent IT graduate specializing in Software Development with hands-on experience in full-stack development, database management, and software analysis. With a strong foundation in C#, Java, Kotlin, and SQL. I have a proven ability to develop user-friendly, scalable applications. Seeking an entry-level software developer role to apply my technical skills and contribute to innovative projects.

EDUCATION

Diploma in Information Technology (Software Development)

IIE Rosebank College, 2021 - 2023

National Senior Certificate

Langenhoven High School, 2016 – 2020

EXPERIENCE

Cybersecurity Candidate

CAPACITI | Internship

September 2024 – Present (4 months)

CERTIFICATIONS

- GitHub Foundation | GitHub | 2024
- Foundational C# with Microsoft | freeCodeCamp | 2023
- Introduction to Cybersecurity | Cisco | 2023

SKILLS

- **Core:** C#, Kotlin, Java, SQL, HTML5, CSS3, JavaScript, Git
- **Databases:** Azure SQL, Firebase
- **Frameworks/Tools:** ASP.NET (MVC), .NET Stack, .Net Web API, Entity Framework, Bootstrap, Visual Studio, Visual Studio Code, Android Studio, IntelliJ, Microsoft Office
- **Personal Skills:** Problem Solving, Communication, Adaptability, Teamwork, Time Management
- **Other:** SDLC, Agile Methodologies

PROJECTS

Bantu Health - Virtual Health Healthcare App

React Native, Expo, Gemini API, Google Maps API, Firestore, Jitsi Meet, CSS3, Node.js

- Developed a virtual health assistant app offering instant medical diagnosis powered by AI and telemedicine.
- Led the integration of:
 - **Telemedicine:** Enabled secure virtual consultations using Jitsi Meet to improve healthcare accessibility.
 - **AI Symptom Analysis:** Integrated Gemini API to provide health insights based on user-input symptoms.
 - **Emergency Feature:** Implemented a quick-access emergency feature to support urgent health needs.
 - **GitHub:** https://github.com/codeWithLFN/Bantu_Health

Vitality Health API - Medical AI Assistant

Node.js, Express.js, Google Generative AI, dotenv

- Developed an API to assist users in understanding symptoms and receiving health insights.
- **Symptom Analysis:** Provided a detailed analysis of user symptoms, potential conditions, and general health recommendations.
- **Critical Condition Detection:** Implemented functionality to identify symptoms indicating critical conditions requiring immediate medical attention.
- **User-Friendly Integration:** Designed a straightforward interface for easy integration with other applications.
- **GitHub:** <https://github.com/codewithlfn/vitality-health-api>

AviaryQuest - Bird Enthusiast Android Application

Kotlin, TensorFlow Lite, eBird API, Google Maps API, Firestore

- **Led the integration of Google Maps and eBird API**, enhancing the app's core functionality for bird finding.
- **Collaborated on the implementation of the bird identification feature** using TensorFlow Lite for improved user experience.
- **GitHub:** <https://github.com/codeWithLFN/AviaryQuest>

Disaster Alleviation Foundation Web Application

ASP.NET Core MVC, Microsoft Identity, Azure SQL

- **Designed and developed a secure web application** streamlining donation management and disaster tracking functionality.
- **Implemented Microsoft Identity** for robust user authentication and secure data handling.
- **GitHub:** <https://github.com/codeWithLFN/Disaster-Alleviation-Foundation>

Medical Suite - Doctor's Appointment System

HTML5, CSS3, JavaScript, Firebase, Kotlin

- **Played a pivotal role in designing a user-friendly interface.**
- **Streamlined appointment bookings**, enhancing user convenience and efficiency.
- **Integrated Firebase** for efficient data storage and streamlined user authentication.
- **GitHub:** https://github.com/codeWithLFN/MedicalSuite--Doctor_Appointment_System

Sneaker Snap - Sneaker Collection Tracking App

Kotlin, Firebase

- **Led the development of a robust achievement system** to enhance user engagement.
- **Integrated Firebase** to provide seamless data storage and a smooth user experience.
- **Refined the UI/UX design**, resulting in improved usability and overall satisfaction.
- **GitHub:** <https://github.com/codeWithLFN/SneakerSnap>

Time Management for Students Web Application

C#, ASP.NET, SQL

- **Developed a web application to streamline task management** and boost student productivity.
- **Implemented a user-friendly calendar** and progress tracking features for effective time management.
- **Designed a database utilizing SQL** to store and manage student schedules and tasks efficiently.
- **GitHub:** <https://github.com/codeWithLFN/WPF-Student-Self-study-Program>

REFERENCES

Available upon request