JAMES MWANGI NJENGA
Full Stack Developer | AI/ML Engineer | Software Solutions Architect

CONTACT INFORMATION

- **Email**: camreshjames@gmail.com , njengajamesmwangi@gmail.com , cnjmtechnologiesinc@gmail.com

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- **LinkedIn**: linkedin.com/in/jamesmwangi-njenga-23694726

- **GitHub**: github.com/CamreshJ

- **Portfolio**: camreshjames.github.io/CamreshJ/

PROFESSIONAL SUMMARY

Innovative and forward-thinking Full Stack Developer with a strong foundation in AI/ML, backend development, and modern web technologies. Skilled in architecting scalable software solutions across diverse domains, including academic research tools, e-commerce platforms, and management systems. Demonstrated excellence in integrating AI services, managing databases, and implementing modern UI/UX designs. A track record of academic achievement and technical expertise with an analytical mindset and a commitment to producing impactful solutions.

TECHNICAL SKILLS

Backend Development:

- **Proficient:** Go, Python (Flask, CherryPy), Django, RESTful API Design
- **Experience with:** Svelte Framework, Object-Oriented Programming

Frontend Development:

- **Proficient:** Svelte, Vue.js/Vite, JavaScript, HTML/CSS
- **Experience with:** Responsive Web Design and Modern UI/UX, parcel.

AI & Data Processing:

- Machine Learning Integration, Natural Language Processing
- Big Data Analytics, Research Data Processing

Developer Tools & Technologies:

- Git (Version Control), Trello (Project Management), API Testing & Documentation

Databases & Cloud:

- Hands-on Experience: MySQL, MongoDB, SQLite, PostgreSQL, Pocketbase
- Cloud Computing: here am still learning

Other Technologies:

- .NET Framework
- C/C++
- Arduino
- Cloud Computing basics

- Flutter
- Blockchain Basics

NOTABLE PROJECTS

Research Citation Assistant

- Developed a full-stack application to assist with academic research using Flask and the Google Gemini API.
- Integrated AI for intelligent content analysis, citation management, and research text processing.
- Built RESTful APIs to streamline data processing and storage.
- **Technologies**: Flask, SQLite, Google Gemini API, Scholarly API

Luxury Footwear E-commerce Platform (In Development)

- Architecting a scalable luxury footwear e-commerce solution.
- Developing backend with CherryPy framework, using MongoDB for data management.
- Frontend implemented with Vue.js/Vite, focusing on performance and responsiveness.

CNJM Technologies Platform

- Founded and developed CNJM Technologies, a platform for delivering software solutions.
- Designed company website to showcase projects and services using modern web technologies.

School Management System & POS System

- Built a school management system using C# and PostgreSQL during an internship.
- Developed a POS system with Django framework, gaining hands-on experience in enterprise-level development.

Currently working on a side project Called House Help

This app will help house helps find jobs and Customers get a house help at any time for anytime anytime. This remove the need to employ a fulltime person.

Am using Go and Svelte

I have more personal Projects in my Github that are not public

EDUCATION

Bachelor of Science in Information Technology
Meru University of Science and Technology | 2020 - 2024

- Graduated with Second Class Honours (Upper Division)
- Key Achievements:
    - Artificial Intelligence - **A**
    - Database Systems - **A**
    - Internet Application Programming - **A**
    - Knowledge Based Systems - **A**
    - Big Data Analytics - **A**

PROFESSIONAL EXPERIENCE

Digital Marketing Intern
Context Experts Agencies Limited, Ruiru | June 2024 – Jan 2025

- Automated Phone Number Management Using python.
- Developed a professional writing assistant (CiteBuddy) using flask.

- Helped Digital Marketing tasks like making Posters banners, stamps, Sticker printing using professional tools like Corel, Canva, Doodly etc.
- Had a chance to teach Some of my skills to other interns and have gained significant people skills.

Software Development Intern
Machini Technologies, Nairobi | May 2023 - July 2023

- Developed a comprehensive school management system using C# and PostgreSQL.
- Created a Point of Sale (POS) system using Django, gaining experience in .NET framework.
- Utilized Trello for project management and team collaboration.

Entrepreneurial Venture - Founder
CNJM Technologies (still a concept)

- Established CNJM Technologies as a tech solutions provider.
- Managed multiple software projects, overseeing the full development lifecycle.
- Built brand presence through GitHub platform.

LEADERSHIP & ACTIVITIES

- Member, **Machine Learning Innovation Club** | 2023-2024
- Member, **Meru University UNESCO Club** | 2022-2024
- **Certified Peer Counsellor** | 2023
- **Student Leader** | 2019
- Active Chess Player, Meru University | 2021-2023

LANGUAGES

- **English** - Fluent
- **Kiswahili** - Fluent
- **Kikuyu** - Excellent

REFERENCES

1. **Dr. Amos Chege**
   Meru University of Science and Technology
   Phone: 0720984635

2. **Mr. Mwiti Jackson**
   Meru University of Science and Technology
   Phone: 0720599158

3. **Mr. Alfred Machini**
   Machini Technologies LTD
   Phone: 0727750007

4. **Stephen W. Ngunjiri**
   Context Experts Agencies Limited
   Phone: 0717627106