

WINFRED NKATHA

Frontend Developer | Nairobi, Kenya

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SUMMARY

Passionate and motivated **Frontend Developer** with a strong foundation in the **MERN stack** and programming languages including C, JavaScript, Python, and Java. Skilled in building intuitive and user-friendly web applications, with hands-on experience developing a **student assignment management system** and contributing to an **AI-driven job-matching platform**. Currently pursuing a **BSc. in Mathematics and Computer Science** at JKUAT, with interests in **AI integration, problem-solving, and scalable web development**.

TECHNICAL SKILLS

- Programming Languages:** JavaScript, Python, Java.
- Frameworks & Tools:** React, Node.js, Express.js, MongoDB.
- Databases:** SQL, MongoDB, Microsoft Access.
- Other Tools:** Microsoft Word, Excel, PowerPoint.
- Special Interests:** Artificial Intelligence, Full-Stack Web Development.
- Soft Skills:** Communication, Teamwork, Problem Solving.

PROJECTS

Assignment Hub – Student Assignment Management System (*Personal Project* | 2025).

- Designed and developed a system to help teachers distribute assignments to students remotely.
- Enabled students to access assignments securely using unique passcodes.
- Improved accessibility for both students and teachers outside the classroom.

AI-Driven Job-Matching & Skills Development Platform (*Collaborative Project* | 2025).

- Contributed to building an intelligent platform that matches job seekers with opportunities based on skills.
- Assisted in integrating AI models to enhance resume matching and skills analysis.

EDUCATION

- BSc. Mathematics and Computer Science** :*Sep 2024 – present* ~ Jomo Kenyatta University of Agriculture and Technology (JKUAT)
- High School Diploma** :*Jan 2020 – Nov 2023* ~ Chogoria Girls' High School
- Short Course: Computer Packages** : *Jan -April 2024* ~ Githongo Polytechnic – Kenya

CERTIFICATIONS & TRAINING

- MERN Stack & AI for Software Engineering** – PLP Organization (*Feb 2025 – July 2025*)
(Certificate pending)