JULIUS DAGANA

Software Engineer | Full-Stack Developer

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Professional Summary

Dedicated Software Engineer and Full-Stack Engineering student with hands-on experience building responsive and interactive web applications. Adaptable to new programming languages and frameworks, with strong communication and problem-solving skills. Fluent in English and a native local language.

Skills

Frontend: React, Tailwind CSS, Bootstrap, DaisyUI, MUI,Zustand,React Native
Backend: Firebase, Node.js, Express.js, MongoDB,Cloudinary,
Languages: JavaScript, HTML, CSS
Tools & Utilities: Git/GitHub, APIs (Location, Weather), Netlify, Vercel

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Projects

Full-Stack Developer – WaterTrackerApp – Personal Project | Jan 2025 – Present

- Developed a responsive hydration tracking app with Firebase authentication (login, signup, account retrieval).

- Integrated real-time weather and location APIs to provide personalized daily hydration goals.

- Implemented Firestore for persistent history tracking and secure data storage.

- Designed a motivational rewards system to increase user engagement and consistency.

- Created a mobile-friendly UI with React and Tailwind CSS for cross-device accessibility.

- Deployed the application on Netlify for public access.

Technologies: React, Tailwind CSS, Firestore, Location & Weather APIs

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Education

Full-Stack Engineering Student – Codetrain Africa | Sep 2024 – Present

AICE Certification in AI – ALX Africa | Sept 2025 – Oct 2025