Joseph Ngatia

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Objective:

Innovative Full-Stack Developer & Systems Integrator with expertise in the MERN stack, cloud platforms, and software-electronics integration. Passionate about building scalable applications, optimizing performance, and leading end-to-end product development.

Education

Mount Kenya University (2020 – Present)
- B.Tech in Computers & Electronic Systems

Kianyaga High School (2016 – 2019)
- High School Diploma

Technical Skills

Programming & Development
- Frontend: React.js, Next.js, React Native, TypeScript, Tailwind CSS, Chakra UI, Shadcn/UI
- Backend: Node.js, Express.js, Go, WebSockets, REST APIs, GraphQL
- Databases: MongoDB, PostgreSQL, Firebase, Supabase, Appwrite, DynamoDB

DevOps & Infrastructure
- Containerization & Deployment: Docker, Kubernetes, AWS (EC2, S3, Lambda, DynamoDB), Vercel, Render
- Build & Automation: Webpack, GitHub Actions, CI/CD Pipelines

Tools & Version Control
- Git, GitHub, Bitbucket, Postman, Figma

Soft Skills
- Strong problem-solving and debugging skills
- Effective communication & teamwork
- Ability to work independently and deliver under tight deadlines

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Work Experience

World Samma Federation (2022 – Present)
Product Head, Designer & Developer
- Spearheaded the development of the MVP, ensuring alignment with business goals and user needs.
- Integrated real-time features using WebSockets and Firebase for better engagement.
- Led UI/UX design & performance optimization for a seamless user experience.
- Managed product iterations, incorporating market feedback into improvements.

Projects

✅ **Healthcare Management System**
A Next.js-based patient management platform with real-time scheduling, SMS notifications, and an admin dashboard.
✅ **WorkSpace**
A real-time chat and resource-sharing platform built with React.js, Firebase, and Material-UI.
✅ **Electronics & Software Integration**
Developed custom IoT solutions integrating hardware components with software for automation and real-time monitoring.

Certifications

- Frontend & Backend Development
- Algorithms & Data Structures
- AWS – Udacity Program

Languages

- English (Fluent)
- Swahili (Fluent)

References

World Samma Federation – ✉️ support@worldsamma.org
(Additional references available upon request.)