LAURENT W. NAMASAKA

Nairobi, Kenya | +254 793 700 614 | laurentnamasaka@gmail.com | LinkedIn | GitHub

SUMMARY

I am a passionate and curious Full-Stack Software Engineer striving to impact lives daily by solving real-world problems through innovative software solutions. I'm devoted to continuous learning, constantly striving to master new technologies and enhance my proficiency in existing stacks. My complex problem-solving capabilities that employ both pro-active thinking and hands-on experience deliver impactful solutions and advance organizational goals.

TECHNICAL SKILLS

1. **Full-Stack Software Development:** End-to-end application development using JavaScript (Node.js, React.js, Angular, Vue.js), Dart (Flutter), Python, React Native, Ruby, HTML5, CSS3, PHP, C, and C++.

2. **AWS Cloud Services & DevOps:** Skilled in DevOps practices like CI/CD, containerization (Docker, Kubernetes), and infrastructure as code (Terraform).

3. **Machine Learning & AI Solutions:** Proficient in building AI-driven systems for predictive modelling, natural language processing, and intelligent automation.

4. **Database Design & Management:** Skilled in designing, optimizing, and managing scalable databases using MySQL, PostgreSQL, MongoDB, and other NoSQL databases (Firebase).

5. **UI/UX Design:** Designing intuitive user interfaces and seamless user experiences using Figma, Adobe XD, and implementing designs in code.

6. **Version Control:** Proficient in Git for version control, including branching strategies, code reviews, and collaboration on platforms like GitHub and GitLab.

7. **Linux/Unix Systems & Services:** Managing and configuring Linux/Unix-based systems for server deployments, network services, and automation scripting.

PROFESSIONAL EXPERIENCE

JUNIOR SOFTWARE ENGINEER | YCENTER.ORG | JUNE 2023 – SEPTEMBER 2023

· Oversaw different projects, often working as a Full-Stack developer to aid in the products' development but also worked as a project manager, overseeing all projects to completion and distribution.
· Developed Nairobi City County Government (NCCG) Markets application to help both local and international traders analyze market gaps and opportunities to improve their businesses.

FRONT-END ENGINEER | MTEJA SMARTMETER | APRIL 2023 – JUNE 2023

· Focused my efforts on designing intuitive, inclusive and consistent User Interfaces which sequentially morphed into optimal code and User-friendly systems that realized the best User Experience.

LEAD SOFTWARE DEVELOPER| FREELANCING | FEBRUARY 2020 – PRESENT

· I design, develop, and maintain diverse software solutions for different organizations while expanding my knowledge on system design, cloud infrastructure, user-interface designs, and software development.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | UNIVERSITY OF NAIROBI | SEPTEMBER 2024 | (SECOND CLASS HONOURS UPPER DIVISION)

· Designed and developed an Ambulance Routing algorithm to significantly reduce Ambulance response times during emergencies. Trained and developed a Large Language Model that helps lawyers prepare for court cases.
· Further, spearheaded multiple research studies on Health IT to try and solve more health issues using technology.

DATABASE FOUNDATIONS| ORACLE ACADEMY | SEPTEMBER 2021

· Learnt different techniques of handling Database Management Systems and their designs.
· Designed and integrated database services to different software both web and mobile.

HIGH SCHOOL DIPLOMA | KAPSABET HIGH SCHOOL | NOVEMBER 2019

· Started ICT Club which later got sponsorships to give students an opportunity to learn Android and website development for free.
· Designed and developed the first ever official school website for Kapsabet High School.
· Scored an A (82 points)

REFEREES AVAILABLE ON REQUEST