JOHN ABEDNEGO JILIMA

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LinkedIn | Portfolio | GitHub

PROFESSIONAL SUMMARY

Experienced Software Engineer and Technical Lead with over 5 years of expertise in designing and delivering scalable, innovative solutions using cutting-edge technologies and cloud platforms. Demonstrated success in leading technical projects and mentoring teams within agile environments. I am skilled in conducting thorough code reviews, setting industry standards, and transforming complex data into actionable insights. Eager to contribute to technical excellence in an organization that values innovation and strives to shape the future of its industry.

TECHNICAL SKILLS

- **Languages & Frameworks:** C++, C#, Java, JavaScript, TypeScript, Python, Go, Rust, Kotlin, Swift, Groovy, .NET, ASP.NET Core, Spring Boot, Node.js, React.js, Next.js, React Native, Flutter, Django, Flask, HTML5, CSS3, Tailwind CSS
- **Databases & Integration:** SQL, Oracle, PostgreSQL, NoSQL, MongoDB, RESTful APIs, SOAP, Kafka, Redis
- **Cloud & DevOps:** Azure, AWS, GCP, Docker, Kubernetes, Terraform, CI/CD pipelines, Message Queues, Webhooks

PROFESSIONAL EXPERIENCE

Meridian Port Services Ltd (MPS) – Accra, Ghana
Senior Software Engineer | September 2024 – Present

- Led the design and implementation of high-performance microservices in C++, Java, Go, Groovy, C#, JavaScript, and Python, interfacing with mission-critical systems to optimize operations.
- Automated gate and yard planning processes, reducing manual interventions by 90% and improving container throughput.
- Developed Power BI dashboards to visualize key metrics, supporting data-driven decision-making and operational insights.

Modenbo Technologies – Accra, Ghana
Software Engineer | August 2023 – August 2024

- Engineered scalable microservices and integrated AWS and GCP cloud services, boosting application performance by 25%.
- Led technical discussions on system design and optimization, mentoring junior developers during code reviews.

Veinverse – Accra, Ghana
Software Engineer | July 2022 – May 2023

- Built React.js dashboards integrating real-time port KPI data via Web APIs.
- Contributed to the design and refinement of a TensorFlow-based machine learning model attaining 95% accuracy.

Sidakye – New York, USA
Full Stack Developer (Contract) | January 2022 – June 2022

- Developed a real-time chat application using React.js and Node.js, ensuring 100% uptime and scalable performance.
- Spearheaded regular code review sessions to boost code efficiency by 10% and coached junior team members.

Upwork– Remote
Freelancer Software Engineer | January 2021 – January 2022

- Designed, developed, and maintained full-stack solutions with a 100% project delivery success rate.
- Engaged with stakeholders to define scalable architectures leveraging React.js, Node.js, and cloud integrations.

EDUCATION

University of Ghana – Legon, Accra, Ghana
Master of Science in Computer Science

University of Ghana – Legon, Accra, Ghana
Bachelor of Science in Computer Science

PROJECTS

VacVault **https://vacvault.vercel.app**

- Developed a full-stack travel platform using React.js, Node.js, MongoDB, and AWS, enabling users to book secure luggage storage with flexible durations, real-time monitoring, and seamless drop-off and pick-up workflows.

ResiRelief **https://resi-relief.vercel.app**

- Created a travel accommodation platform with React.js, Node.js, TailwindCSS, and MongoDB, integrating booking APIs for seamless customer interactions on both web and mobile.