

JOHN ABEDNEGO JILIMA

Ghana, Accra | (+233)-247-157-301 | jilimajohnabednego@gmail.com

[Portfolio](#) | [Github](#)

TECHNICAL LEAD | SOFTWARE ENGINEERING LEADER

Innovative and results-driven Technical Lead with over 5 years of robust experience in leading software development initiatives, mentoring technical teams, and delivering scalable, secure, and high-performance solutions. Adept at architecting complex systems and driving continuous improvement in agile environments. Proficient in modern cloud platforms (AWS, Azure, GCP), CI/CD, and DevOps methodologies while maintaining deep expertise in .NET/C#, JavaScript, and full-stack technologies.

CORE COMPETENCIES

- Leadership & Team Management:** Proven ability to guide, mentor, and inspire cross-functional teams; strong background in leading Agile (SCRUM/Kanban) environments.
- Architecture & Engineering:** Extensive experience in designing scalable, secure architectures and implementing engineering best practices including TDD, secure coding, and contract testing.
- Cloud & DevOps:** Skilled in AWS, Azure, GCP, infrastructure-as-code (Terraform), CI/CD pipelines, and release management.
- Full-Stack Development:** Expertise in .NET/C#, JavaScript, TypeScript and modern frameworks; strong competency in end-to-end solution design and implementation.
- Collaboration & Communication:** Excellent interpersonal skills; adept at bridging technical and business objectives, debugging complex systems, and driving quality improvement initiatives.

TECHNICAL SKILLS

- Programming & Frameworks:** .NET/C#, ASP.NET, JavaScript, TypeScript, Python, Java, Groovy, React.js, Next.js, Vue.js, Angular, Node.js, Django, React Native, Flutter, HTML5, CSS3, TailwindCSS
- Cloud & DevOps:** AWS, Azure Cloud Services, Google Cloud, CI/CD pipelines, Docker, Kubernetes, Terraform
- Databases & Data Integration:** SQL Server, MySQL, PostgreSQL, MongoDB, API development, Message Queues, Webhooks, Integration Platforms (Zapier, Tray.io)
- Tools:** Git, Jira, Asana, Slack, Figma, Unit/Integration Testing

PROFESSIONAL EXPERIENCE

Meridian Port Services Ltd (MPS) – Accra, Ghana.

Senior Software Engineer | September 2024 – Present

- Leadership & Strategy:** Lead and mentor a diverse technical team in the automation of container management systems, ensuring reliable and scalable solutions.
- Architectural Oversight:** Guide architectural decisions for complex systems, integrating security best practices and engineering standards.
- Operational Excellence:** Oversee debugging, troubleshooting, and performance optimization, fostering a culture of continuous improvement and agile delivery.
- Collaboration:** Partner with DevOps and SRE teams to streamline deployment pipelines and enhance system resilience.

Modenbo Technologies – Accra, Ghana.

Software Engineer | August 2023 – August 2024

- Team Leadership:** Directed cross-functional agile teams to engineer scalable solutions using microservices, increasing performance efficiency by 25%.
- Cloud Integration:** Leveraged AWS and GCP services to design robust, high-availability systems.
- Mentorship:** Implemented code review practices and provided technical training, resulting in improved development efficiency and code quality.

Veinverse – Accra, Ghana.

Team Lead | July 2022 – May 2023

- Technical Mentorship:** Played a key role in mentoring junior engineers, promoting industry best practices across the team.
- R&D and Innovation:** Contributed significantly to the design and enhancement of a TensorFlow-based machine learning model achieving 95% accuracy.
- Process Improvement:** Championed improvements in agile practices and technical processes for enhanced team performance.

Sidakye – New York, USA.

Full-Stack Developer / Technical Lead (Project Based) | January 2022 – June 2022

- Project Leadership:** Led the development of a real-time chat application using React.js and Node.js, ensuring 100% uptime and robust performance.

- **Technical Oversight:** Facilitated code review sessions and provided strategic technical guidance, leading to a 10% boost in operational efficiency.

Upwork- California, USA.

Freelancer Software Engineer | January 2021 – October 2022

- **Consultative Leadership:** Successfully designed and implemented scalable software architectures while mentoring remote teams and ensuring on-time project delivery.
- **Stakeholder Engagement:** Collaborated directly with clients to align technical solutions with business goals while adhering to industry-standard best practices.

EDUCATION

University of Ghana - Legon, Accra, Ghana

Major: BSC Computer Science

Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Software Engineering, Mobile & Web Development, Database Design, Microservices Architecture, Message Queues & Event-Driven Architecture, Machine Learning, AI.

SELECTED PROJECTS

On-Target Scouting

<https://main.d35i1ssq2m8kjp.amplifyapp.com>

- Developed a Python-based football talent scouting platform leveraging FastAPI for RESTful API development.
- Utilized SQLAlchemy and pydantic to construct secure and validated data models and implemented asynchronous operations with Asyncio to enhance performance.
- Deployed AWS services using Boto3 and containerized applications with Docker and Kubernetes to ensure scalability and high availability.

ResiRelief

<https://resi-relief.vercel.app/>

- Developed a scalable travel accommodation platform using React.js, Node.js, and TailwindCSS to deliver seamless user experiences in a high-availability environment.

Goodifly

<https://www.goodifly.com/>

- Engineered a service connecting travelers with delivery needs using React.js, PostgreSQL, and Django, demonstrating full-stack expertise and agile project management.

ADDITIONAL INFORMATION

- **Flexible Working:** Experienced in hybrid working environments with a proven track record in managing remote and co-located teams.
- **Professional Growth:** Actively engaged in community growth initiatives, technical training delivery, and recruitment for high-performing engineering teams.
- **Continuous Improvement:** Committed to leveraging modern engineering methodologies (TDD, secure coding, agile practices) to drive quality and innovation in technology solutions.