

KIMAMO WACHIRA

SENIOR SOFTWARE ENGINEER | TECH LEAD | CLOUD & INTEGRATION ARCHITECTURE

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PROFESSIONAL SUMMARY

Senior Software Engineer and technical leader with 20+ years in software and technology, including 10+ years building and modernizing high-traffic enterprise platforms across logistics and payments. Deep full-stack and integration expertise spanning C#/.NET Core, TypeScript, React, Node.js, Python, Microsoft SQL Server, Oracle, PostgreSQL, Azure, AWS, APIs, Boomi, and CI/CD. Experienced leading 5–6 person engineering teams, modernizing customer integration architecture, migrating self-hosted workloads to Azure, and delivering platforms serving 100K+ users.

CORE TECHNICAL STRENGTHS

Architecture: Distributed/Enterprise Applications, API Architecture, Integration Architecture, Clean Architecture

Backend: C#, .NET Core, ASP.NET, Node.js, REST APIs, Authentication, Business Logic

Frontend: TypeScript, JavaScript, React, Redux, HTML5, CSS3

Data: Microsoft SQL Server, Oracle, PostgreSQL, SQL

Integration: Boomi, Enterprise Integration, Customer Onboarding, Third-Party APIs

Cloud / DevOps: Azure, AWS, Azure SQL, Azure Functions, Azure DevOps, Jenkins, Git, CI/CD

Engineering: TDD, Agile/Scrum, Code Reviews, Production Support, Performance & Reliability

AI / Data: Claude Code, GitHub Copilot, Data Science, Deep Learning

PROFESSIONAL EXPERIENCE

Senior Software Engineer / Product Engineer — KilimoIQ.com / BiasharaIQ.com / Newspringseng.com | Atlanta & Nairobi | Apr 2025 – Present

- Build and deploy production applications end-to-end, owning architecture, full-stack development, APIs, databases, testing, cloud deployment, and ongoing production improvements.
- Develop full-stack products with TypeScript, React, Node.js, PostgreSQL, and Python, integrating authentication, business logic, third-party services, and REST APIs.
- Use Claude Code and GitHub Copilot to accelerate implementation, refactoring, testing, debugging, and rapid product iteration.
- Deploy and manage production workloads through Render, Netlify, and GitHub-based CI/CD workflows.

Senior Software Engineer — Crane Logistics | Houston, TX | Aug 2019 – Apr 2025

- Engineered and modernized high-traffic logistics platforms serving 100K+ users, delivering .NET Core applications, REST APIs, business services, and database-backed workflows.
- Architected Boomi integrations that refactored customer integration and onboarding workflows, reducing typical onboarding from 3–4 weeks to a few days.
- Led a 5–6 person engineering team through architecture, implementation, code reviews, technical decisions, mentoring, and production support.
- Drove migration from self-hosted infrastructure to Azure services, including Azure SQL, Function Apps, and scheduled/cron workloads, helping modernize the platform and operational model.
- Led the CI/CD migration from Jenkins to Azure DevOps, replacing legacy delivery workflows with standardized, maintainable build and deployment pipelines.
- Worked extensively with Microsoft SQL Server and Oracle while troubleshooting complex production and integration issues and delivering sustainable fixes.
- Partnered with business and cross-functional teams to translate logistics requirements into scalable APIs, integrations, and production-ready solutions.

Senior Software Engineer & Team Lead — XPO Logistics | Atlanta, GA | Feb 2016 – Aug 2019

- Led a 5–6 person engineering team delivering high-traffic logistics applications and APIs supporting a 100K+ user environment.
- Led migration of CI/CD workflows from Jenkins to Azure DevOps, strengthening release consistency and modernizing the software delivery lifecycle.
- Designed and delivered scalable enterprise applications across technical design, development, testing, deployment, and production support.
- Established engineering practices around code reviews, Agile execution, technical ownership, maintainability, and production readiness.
- Mentored engineers and provided technical direction while partnering with stakeholders to turn complex business requirements into scalable technical solutions.

Senior Application Developer — Priority Payments | Alpharetta, GA | Jan 2015 – Jan 2016

- Developed and enhanced enterprise payment-processing applications in a high-traffic environment serving 100K+ users, with emphasis on reliability, scalability, and performance.
- Built and integrated application services and business workflows across enterprise databases and APIs.
- Modernized existing applications and resolved production issues through root-cause analysis and targeted engineering improvements.
- Collaborated with business, product, and technical stakeholders to deliver maintainable production solutions.

Senior Application Developer — JAS Worldwide | Atlanta, GA | Jan 2011 – Dec 2014

- Architected and delivered scalable logistics applications and integrations for a global, high-traffic enterprise environment.
- Served on the global architecture team, engaging directly with customers and stakeholders internationally, including architecture discussions with PUMA at its headquarters in Nuremberg, Germany.
- Improved application reliability through structured error handling, logging, monitoring, and proactive issue detection.
- Streamlined CI/CD and automated testing practices while identifying performance bottlenecks and improving application scalability and maintainability.

EARLIER EXPERIENCE

Software Developer / .NET Developer / Support Specialist — AT&T / Accenture, American Software / Beazer Homes, A-1 Home Services, Northrop Grumman / CDC, Georgia-Pacific, Unisys / GSA, ADP, AT&T, East Tennessee State University, and Knoxville College | 1999–2010

EDUCATION, CERTIFICATION & ADVANCED TRAINING

M.S., Software Engineering — Mercer University | 2015 — Graduated with honors; Order of Engineers

B.S., Computer Science & Mathematics — Knoxville College | 2001 — Presidential List Scholar

Microsoft Certified: Azure Developer Associate — Microsoft | 2022

Data Science Specialization — Johns Hopkins University / Coursera | 2026

Deep Learning Courses — Udacity / Pluralsight | Ongoing