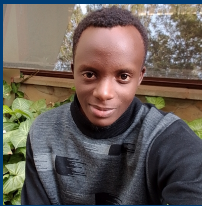# SHADRACK KITHUA

Contact

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📱 0705961358

Skills

Cloud & Infrastructure - Microsoft Azure (App Service, Functions, SQL Database, Cosmos DB, Azure DevOps) - Amazon Web Services (Lambda, S3, EC2, Cognito, CloudFront, RDS) - Containerization with Docker - Orchestration with Kubernetes (Azure AKS, AWS EKS) - Infrastructure as Code (Terraform, Helm, AWS CloudFormation) - CI/CD pipelines and automated deployments - Workflow orchestration and database triggers - Monitoring dashboards, distributed logging, retry logic   20%

Backend Development - C#, .NET Core, ASP.NET - Java (Spring Boot, enterprise APIs) - Node.js (Express, serverless APIs) - Python (Flask, FastAPI, scripting) - RESTful API design and microservices architecture - API security (OAuth2, JWT, role-based access controls) - Performance optimization and scalability   80%
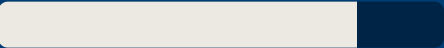
Frontend Development - React, TypeScript, JavaScript - Vue.js, HTML5, CSS3 - Responsive design and cross-browser compatibility - Secure authentication flows and real-time updates - UI/UX optimization for dashboards and mobile apps   80%

Security & Compliance - Secure programming practices - Encryption protocols and compliance standards -   80%

OBJECTIVE

Drive scalable solutions: Architect and implement cloud-native systems that scale with business growth while ensuring reliability and performance. - Advance in technical leadership: Grow into a senior engineering leader who mentors teams, fosters innovation, and drives measurable impact across projects. - Champion secure systems: Apply expertise in cybersecurity, authentication flows, and compliance protocols to safeguard applications and data. - Optimize performance: Continuously improve APIs, databases, and workflows to deliver faster, more efficient, and cost-effective solutions. - Innovate in mobile development: Build user-centric mobile applications with offline-first capabilities, secure authentication, and real-time updates for fintech, logistics, and field operations. - Leverage AI and automation: Integrate AI-assisted coding tools and workflow automation to accelerate delivery and maintain high-quality standards. - Enhance collaboration: Contribute to cross-functional Agile/Scrum teams, bridging backend, frontend, and infrastructure to deliver mission-driven outcomes. - Expand data-driven impact: Develop analytics dashboards and models that empower decision-making in business and sports technology. - Continuous learning: Stay ahead of emerging technologies in cloud, microservices, and AI to remain adaptable in fast-paced environments. - Deliver measurable outcomes: Ensure every project contributes to tangible improvements—whether reducing deployment times, increasing throughput, or enhancing user satisfaction.
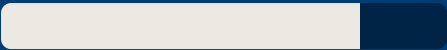
EXPERIENCE

MYSYOPNET COMPANY   2/5/2025 -
Website deploying   3/9/2025

EDUCATION

Kirinyaga University   2026
INFORMATION TECHNOLOGY

Role-based access controls - API and data security audits

Data & Analytics - SQL and NoSQL databases (Azure SQL, Cosmos DB, AWS RDS, DynamoDB) - Data modeling and optimization - Sports analytics and statistical modeling - Building dashboards for decision-making

80%

Collaboration & Leadership - Agile/Scrum methodologies - Cross-functional team collaboration - Mentoring engineers and technical leadership - Analytical thinking and problem-solving - Mission-driven project execution

80%