Kwabena Baah-Boakye

Full-Stack Engineer

(8 years of work experience)

🔍 Actively Looking

About me ✎

Kwabena is a Full-Stack Engineer with 8+ years of experience building scalable web and AI-enabled applications across healthcare, finance, insurance, and climate tech.

He has a strong frontend foundation in React, Next.js, Angular, and TypeScript, delivering high-performance, accessible enterprise UIs and optimizing production systems with tools like New Relic.

On the backend, he builds Python and FastAPI services for modern APIs and AI-driven systems, with additional experience in Node.js, Ruby on Rails, PostgreSQL, and MongoDB.

Kwabena has hands-on experience delivering AI solutions, including agentic workflows, RAG pipelines, LLM-based services, guardrails, and evaluation tooling, and integrating them into real-world products. He operates effectively as both an AI Engineer and a solutions-oriented architect.

Contact ✎

◆ kwabena.baahboakye@talent.andela.com

✉ kwabena.baahboakye@gmail.com

📞 +233242147652

[GitHub] [LinkedIn] [Website] [Andela]

Compensation ✎

$ 6,000 - 7,000 per month

Preferred working hours ✎

🕐 Flexible to fit any client's schedule

👁 Client profile preview

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Tech Stack & Skills   + Add

JavaScript (7 - 9 years) ★   Python (7 - 9 years) ★   React.js (7 - 9 years) ★

Node.js (4 - 6 years) ★   TypeScript (4 - 6 years) ★

Angular Material (7 - 9 years) ☆   CSS (7 - 9 years) ☆   Git (7 - 9 years) ☆

GitHub (7 - 9 years) ☆   HTML (7 - 9 years) ☆   Lighthouse (7 - 9 years) ☆

Linux (7 - 9 years) ☆   Next.js (7 - 9 years) ☆   REST (7 - 9 years) ☆   Unix (7 - 9 years) ☆

VanillaJS (7 - 9 years) ☆   Adobe Analytics (4 - 6 years) ☆

Adobe Experience Platform (AEP) (4 - 6 years) ☆   Agile (4 - 6 years) ☆

Angular 1 (AngularJS) (4 - 6 years) ☆   Artificial Intelligence (4 - 6 years) ☆

AWS (Amazon Web Services) (4 - 6 years) ☆   Azure (Microsoft Azure) (4 - 6 years) ☆

Azure DevOps (4 - 6 years) ☆   Cloud Computing (4 - 6 years) ☆

Containerization (4 - 6 years) ☆   Content Management Systems (4 - 6 years) ☆

Data Analysis (4 - 6 years) ☆   Data Science (4 - 6 years) ☆

Data Visualization (4 - 6 years) ☆   Database Administration (4 - 6 years) ☆

Datadog (4 - 6 years) ☆   Docker (4 - 6 years) ☆   DynamoDB (AWS) (4 - 6 years) ☆

ECMAScript (4 - 6 years) ☆   eCommerce (4 - 6 years) ☆

eCommerce Industry (4 - 6 years) ☆   Express.js (4 - 6 years) ☆   Figma (4 - 6 years) ☆

Flask (4 - 6 years) ☆   GCP (Google Cloud Platform) (4 - 6 years) ☆

GitHub Actions (4 - 6 years) ☆   GraphQL (4 - 6 years) ☆   Jenkins (4 - 6 years) ☆

Jest (4 - 6 years) ☆   Jira (Atlassian) (4 - 6 years) ☆   Kubernetes (4 - 6 years) ☆

Laravel (4 - 6 years) ☆   Machine Learning (4 - 6 years) ☆   Material Design (4 - 6 years) ☆

Mentorship (4 - 6 years) ☆   Meteor.js (4 - 6 years) ☆   Metrics (4 - 6 years) ☆

Microservices (4 - 6 years) ☆   Model-View-Controller (MVC) (4 - 6 years) ☆

MongoDB (4 - 6 years) ☆   MySQL (4 - 6 years) ☆   New Relic (4 - 6 years) ☆

Node Package Manager (npm) (4 - 6 years) ☆   NoSQL (4 - 6 years) ☆

PostgreSQL (4 - 6 years) ☆   Rails (4 - 6 years) ☆   Redis (4 - 6 years) ☆

Redux (4 - 6 years) ☆   Ruby (4 - 6 years) ☆   Scrum (4 - 6 years) ☆

Scrum Facilitation (4 - 6 years) ☆   Service-oriented Architecture (SOA) (4 - 6 years) ☆

Shopify (4 - 6 years) ☆   SQL (4 - 6 years) ☆   Tableau (4 - 6 years) ☆

UI Design (4 - 6 years) ☆   UX Design (4 - 6 years) ☆   WebSocket API (4 - 6 years) ☆

WordPress (PHP) (4 - 6 years) ☆   .NET (2 - 3 years) ☆   A/B Testing (2 - 3 years) ☆

Android (2 - 3 years) ☆   Angular (2 - 3 years) ☆   Automation Engineering (2 - 3 years) ☆

C# (2 - 3 years) ☆   CloudFront (AWS) (2 - 3 years) ☆   Cypress (2 - 3 years) ☆

D3.js (2 - 3 years) ☆   Data Engineering (2 - 3 years) ☆   DevOps (2 - 3 years) ☆

Ember.js (2 - 3 years) ☆   GenAI Engineering (2 - 3 years) ☆   Golang (2 - 3 years) ☆

Google Analytics (2 - 3 years) ☆   Grafana (2 - 3 years) ☆   iOS (2 - 3 years) ☆

Jasmine (2 - 3 years) ☆   Java (2 - 3 years) ☆   Kafka (2 - 3 years) ☆

Karma (2 - 3 years) ☆   LangChain (2 - 3 years) ☆

LLM (Large Language Models) (2 - 3 years) ☆   mParticle (2 - 3 years) ☆

Optimizely (2 - 3 years) ☆   PHP (2 - 3 years) ☆   Playwright (2 - 3 years) ☆

Prometheus (2 - 3 years) ☆   Prompt Engineering (2 - 3 years) ☆   RabbitMQ (2 - 3 years) ☆

React Native (2 - 3 years) ☆   Redux Material-UI (2 - 3 years) ☆

Retrieval-Augmented Generation (RAG) (2 - 3 years) ☆   S3 (AWS) (2 - 3 years) ☆

Search Engine Optimization (SEO) (2 - 3 years) ☆   Sidekiq (2 - 3 years) ☆

Simple Object Access Protocol (SOAP) (2 - 3 years) ☆   Systems Engineering (2 - 3 years) ☆

Terraform (2 - 3 years) ☆   Vue.js (2 - 3 years) ☆   Vuex (2 - 3 years) ☆

Webpack (2 - 3 years) ☆   Documentation (1 year or less) ☆

Power BI (Microsoft) (1 year or less) ☆   Product Design (1 year or less) ☆

See less skills ∧

Work Experience   + Add

💼 **Andela AI Bootcamp**   http://andela.com/   ✏ Edit   🗑 Delete

AI Forward Engineer   **Oct 2025 - Present**

Designed and built an AI-powered customer support chatbot using Python, FastAPI, OpenAI Agents SDK, and MCP (Model Context Protocol), featuring agentic workflows, tool integration, prompt-injection guardrails, secure customer verification, streaming chat UI (Next.js/React), and evaluation dashboards to monitor response quality and system performance.

Developed an AI-driven web application leveraging agentic workflows to research, evaluate, and recommend orphanages for charitable contributions,

automating data collection, analysis, and summarization to support informed and transparent decision-making.

Built an AI-powered clinical documentation solution that transcribes doctor–patient conversations and generates structured summaries with suggested next steps, supporting clinical workflows and reducing manual documentation through automated transcription and summarization.

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Skills used

Artificial Intelligence   AWS (Amazon Web Services)   Containerization

Data Engineering   Data Science   DevOps   Docker   GitHub

GitHub Actions   LangChain   LLM (Large Language Models)   Machine Learning

Playwright   Product Design   Prompt Engineering   React.js

Retrieval-Augmented Generation (RAG)

See less skills ^

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The Weather Company ⬡   ✏ Edit   🗑 Delete
https://weather.com/
United States   Media

Senior Front End Developer (React/Angular)   Sep 2024 - Feb 2025

• Develop and enhance web applications using Angular, React, and Redux Saga to optimize user experiences.
• Implement and analyze customer insights through Adobe Analytics and mParticle integration.
• Conduct code reviews and debug issues to ensure high-quality, efficient, and reliable solutions.

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Skills used

Angular 1 (AngularJS)   React.js   Redux   TypeScript   Adobe Analytics

Adobe Experience Platform (AEP)   mParticle

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Groundspeed ⬡   http://groundspeed.com/   ✏ Edit   🗑 Delete

United States

Senior Front-End Engineer   Oct 2022 - May 2024

Handled various software engineering tasks.

• Built RESTful APIs using Python
• Collaborated with product managers and quality teams to gather requirements and deliver product features
• Developed new features using React.js and Meteor.js

- Improved the overall UX/UI
- Fixed application bugs

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Skills used

Angular   Docker   ECMAScript   Express.js   Flask   GraphQL   Java

Linux   Meteor.js   Metrics   Model-View-Controller (MVC)   Node.js

Python   React.js   Redux   Terraform

Reset Health Clinics ⊕   ✏ **Edit**   🗑 **Delete**
https://www.resethealth.clinic/
United States

Senior Front-End Engineer   **May 2022 - Jul 2022**

Joined the company as a senior front-end engineer.

- Developed new interfaces, including a chat feature, using React.js
- Conducted thorough peer reviews
- Resolved legacy bugs in the application

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Skills used

JavaScript   React.js   Redux   TypeScript

Guaranty Trust Bank Limited, Others   ✏ **Edit**   🗑 **Delete**
https://www.gtbghana.com/
Ghana

Senior Front-End Developer   **Nov 2015 - Apr 2022**

Delivered enterprise-grade front-end solutions across finance, insurance, and services sectors using React.js, Next.js, Angular, and RxJS. Developed responsive, accessible interfaces with HTML, CSS, and JavaScript, and optimized performance through best practices and tools like New Relic.

-Customized and extended WordPress functionality with PHP, custom post types, and meta fields.

-Designed and built Shopify themes and apps using Liquid, JavaScript, and Cart.js to enhance e-commerce performance.

-Integrated secure payment systems and third-party APIs, ensuring seamless functionality and reliability.

-Led UI/UX implementation, collaborating with cross-functional teams and maintaining Git workflows and CI/CD pipelines.

-Diagnosed performance bottlenecks, reduced load times, and developed RESTful APIs in Python to support full-stack applications.

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Skills used

Angular   Content Management Systems   eCommerce   Mentorship   Rails

React.js   Ruby   Shopify   UI Design   WordPress (PHP)

Education   + Add

Course in LLM Engineering   ✏️ 🗑️

Udemy
Oct 2025 - Nov 2026
Generative AI, RAG, LoRA and AI Agents.

Course in Agentc AI   ✏️ 🗑️

Udemy
Oct 2025 - Nov 2025
OpenAI Agents SDK, CrewAI, LangGraph, AutoGen and MCP

Course in AI Leadership and Strategy   ✏️ 🗑️

Udemy
Oct 2025 - Nov 2025
Deliverng Measurable ROI with LLMs

Course in AI Deployment   ✏️ 🗑️

Udemy
Oct 2025 - Nov 2025
Deployng AI to AWS, GCP, Azure, Vercel with MLOps, Bedrock, SageMaker, RAG, Agents, MCP: scalable, secure and observable.

Master's Degree in Development Finance   ✏️ 🗑️

University of Ghana, Ghana
Mar 2017 - Dec 2018

Bachelor's Degree in Actuarial Science   ✏️ 🗑️

University of Cape Coast, Ghana
Mar 2009 - Dec 2013

Certifications   + Add

🏆 **Andela AI Academy: AI Engineering Bootcamps**   ✏️   🗑

Andela

Dec 2025

This certificate doesn't expire

See Certificate

Technical Projects   + Add

IFRS 9 Migration   ✏️   🗑

Nov 2018

Skills used

JavaScript   Python   Scrum Facilitation   HTML   CSS

About the project

Designed financial models to facilitate the migration from IAS 39 to IFRS 9 standards.

Published on Sep 2022

Languages   + Add   ✏️ Edit

ENGLISH

Native

AKAN

Native

FRENCH

Beginner

Device Information   ✏️ Edit

BRAND

Other

CPU

Core i7/Ryzen 7

STORAGE

+1TB

RAM

+32GB

More Details

LEADERSHIP EXPERIENCE ✏ **Edit**

Yes

LOCATION ✏ **Edit**

Accra

PROHIBITED INDUSTRIES ✏ **Edit**

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