

# KWAME AMOSAH

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## OVERVIEW

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Frontend-focused Software Engineer with 4+ years of experience building accessible, high-performance web applications using React, TypeScript, and GraphQL. Proven track record of translating design requirements into pixel-perfect implementations, optimizing web vitals, and building reusable components that scale across multiple platforms. Passionate about creating exceptional user experiences through well-typed code and adherence to frontend best practices.

## SKILLS

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**Frontend:** React.js, TypeScript, Javascript (ES6+), Redux.js, GraphQL, HTML/CSS, Accessibility Standards, Design Systems

**Backend:** Node.js, Express.js, Python, Flask, REST APIs

**Testing & Quality:** Jest, Cypress, Storybook, Test-Driven Development, Automation Solutions, Code Reviews, Responsive Design

**Cloud & Devops:** AWS, CI/CD, Microservices, Docker, Feature Flags

**Databases:** SQL, PostgreSQL, MySQL, NoSQL

**Collaboration:** Git, JIRA, Agile/Scrum, Technical Mentorship, Figma, Excel, Written and Verbal Communication Skills

**Problem-Solving:** Data Structures & Algorithms, Complexity Analysis, Root Cause Analysis, Debugging

## PROFESSIONAL EXPERIENCE

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### Komodo Health

New York, NY, USA

Software Engineer

June 2022 - June 2024

- Architected the Komodo Management Console backend, implementing robust security protocols and data governance systems that reduced access-related incidents by 30%.
- Led frontend architecture for the Codesets project using React and GraphQL, improving cohort generation efficiency by 20% and streamlining UX for clinical users through scalable, maintainable component design.
- Contributed to a comprehensive component library with 40+ reusable UI elements, ensuring pixel-perfect implementation of design specifications across multiple display formats reducing design discrepancies by 40%.
- Collaborated with cross-functional teams to integrate APIs and optimize performance for high-traffic healthcare applications.

### Alloy

New York, NY, USA

Software Engineer

March 2022 - November 2022

- Enhanced performance by 30% through API integration and cross-team collaboration on seamless full-stack solutions.
- Built high-performance React components for mission-critical fintech applications, implementing robust testing protocols.
- Optimized components for accessibility and responsiveness, supporting core business objectives for financial services.

### Crisis Text Line

New York, NY, USA

Software Engineer II

July 2021 - April 2022

- Developed and implemented frontend components for a critical messaging system used by 100+ crisis counselors.
- Increased TypeScript coverage by 15% and led the transition to 100% coverage through detailed code reviews.
- Integrated translation APIs to enable bilingual direct messaging support, improving operational efficiency by 30%.
- Implemented client error logging and monitoring, enabling actionable insights and cutting debugging time by 40%.

### Crisis Text Line

New York, NY, USA

Software Engineer I

August 2020 - July 2021

- Implemented feature flag integration for backend and frontend improvements, achieving 20% faster deployment cycles.
- Increased international outreach by 32% via WhatsApp integration and session-persistent messaging system.
- Participated in bi-weekly engineering meetings to share knowledge and discuss new initiatives.
- Applied React/TypeScript best practices to build scalable, maintainable web applications.

## EDUCATION

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### Rithm School

July 2019

Bootcamp, Computer Science

- Completed an immersive software engineering bootcamp focused on JS, React, TypeScript, Node.js & SQL. Built full-stack apps, worked with REST APIs, and collaborated on real-world projects using agile, testing, and code reviews.