

# MICHAEL ESSIEN

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## SUMMARY

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A software engineer, result-driven professional with exceptional creativity and developmental skills. Accomplished in determining most optimal operational practices, achieving all objectives, and ensuring satisfaction of clients. Constantly learning, and venturing into more complex aspects in my field of work to upgrade my skills and enrich my portfolio with excellent.

## Skills

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**Languages:** JavaScript, Typescript, Java, HTML, CSS

**Frameworks:** React, Node, Express, Angular, Nextjs, Nestjs, Spring Boot, Prisma ORM, Tailwind, Sass

**Databases:** PostgreSQL, MySQL

**Tools:** Postman, Figma

**Architectures:** Micro-services, Distributed Systems

**API Specs:** REST

**Version Control & CI/CD Pipeline:** Git, Github, Gitlab CI/CD, Jira

**Methodologies:** Agile Software Development, SCRUM, Object-Oriented Programming

**Soft Skills:** Great Written/Verbal English skills, Technical Writing, Collaboration, Teamwork

## Experience

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### Turntabl

Sep 2022 – May 2023

*Software Engineer (Java & Angular)*

*Accra, Ghana*

- Built the frontend for an internal IOT platform to manage data generated by devices on the platform for management to make informed decisions.
- Led SCRUM activities on my 5 member engineering team, participated in sprint planning, sprint reviews & retrospectives, ticket estimation & pointing to help my team continuously reach 95% tasks completion rate.
- Built the backend services and REST APIs of GLFX, a test stock trading platform with Java/Spring Boot.
- Built the frontend for the test stock trading platform to be able to perform trades using Angular.
- Improved performance of the platform by 55% using caching and message brokers for asynchronous processing.

### Cocoa Research Institute Ghana

Sep 2021 – Aug 2022

*National Service Personnel*

*New Tafo, Ghana*

- Designed, developed and implemented a web-based Point of Sale system to assist in selling and collation of inventory of products for the By-Product Department
- Designed, developed and implemented a web-based School management system to help in the management of the CRIG Primary School.
- Collected, defined and translated user requirements into project designs and implementation plans.
- Employed best unit test practices to stabilize and ensure robustness of the platform.
- Completing errands and tasks given by department heads and other authorities

## Education

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### Koforidua Technical University

Koforidua, Ghana

*Higher National Diploma in Computer Science*

*2019 – 2022*

### Ghana Communication Technology University

Accra, Ghana

*Bachelor of Science in Information Technology in progress*

*2023 – Present*

Expected graduation date, August 2024