

# Michael Opoku

## Software Developer

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🌐 <https://github.com/NUACHE> 🖱 <http://nuache-github-io.vercel.app/>

### Profile

I am a software developer, passionate about efficient solutions, skilled in programming languages and frameworks. I specialize in creating, maintaining and updating reliable software.

### Education

08/2018 – 08/2022  
Kumasi, Ghana

**Bsc. Electrical/Electronics Engineering**  
Kwame Nkrumah University of Science and Technology

### Skills

**Programming Languages :** (C#, Dart, JavaScript, TypeScript and Python),  
**Frameworks:** (Asp.Net Core, Flutter, JQuery, React, Tailwind, Bootstrap),  
**Tools** (Agile, Figma, Visual Studio Code, Postman, Xcode, Visual Studio),  
**Database** (Firebase, MS SQL, MySQL, MongoDB)

### Professional Experience

#### Full - Stack Developer

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- Collaborated with product team to understand requirements and business specifications around enterprise planning and management and determining appropriate tools for handling the requirements.
- Performed automated testing tasks to address and fix complex bugs while developing complex features, routinely using react testing library.
- Developed and presented solutions to audiences including senior executives and stakeholder using react, typescript, devextreme, tailwind and ant design.

#### Frontend Engineer

Dux LLC

- Partnered with backend developers and design team to convert APIs and UI/UX into functional dynamic web pages using react, tailwind and typescript.
- Analyzed user needs and software requirements to determine feasibility of design, ensuring project completion within project timeline.
- Lead team in developing a stable cross platform mobile app with flutter, implementing state-management with riverpod while maintaining a modular codebase for easy modifications and updates.

#### Mobile Application Developer

Spike SH

- Collaborated with CTO, backend developers and design team to plan app's requirements and specifications.
- Successfully restructured the entire code base from BLOC architecture to MVC+S.
- Integrated sentry and firebase crashlytics for monitoring app performance and tracking app errors.
- Integrated AWS, Google cloud and Webhooks for instant incident management.

## Mobile Application Developer

### Cache Technology

- Led mobile team in developing a data management and tracking system, implementing charts, graphs and tables using flutter and Syncfusion to provide accurate data projections for The Council for Scientific & Industrial Research (CSIR).
- Integrated payments system, using paystack and stripe to handle payments via mobile-money, visa/master card and bank. Increasing user engagement and user experience.
- Documented all supported systems and applications into simple explainable units to effectively train new and existing team members.
- Integrated National Identification Agency (NIA) APIs for user identification, authentication and data protection, thereby improving security of apps and protecting data of customers.

## Frontend Developer

### Uvitech

- Supervised and led a team of 3 interns to develop a booking and ticketing application, for booking events and buying tickets, using react, tailwind, typescript and redux.
- Developed a forex-trading app for converting local currency into foreign currencies, implementing paypal, bitcoin and visa/mastercard exchange using flutter.
- Developed a bulk messaging platform that enables you to send messages to people, locally and internationally instantly. Using flutter for mobile and HTML, CSS and JQuery and MySQL for app functionalities.
- Rebuilt the company website from wordpress, optimizing code, enhancing user interface and user experience, boosting productivity and website engagement.

## Interests

- Hackathons and Coding Competitions
- Open source contributions and tech communities
- Board games