Michael Nchor

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summary A Developer with a degree in Mathematics and Computer Science. I am 4+ years into my development journey. I'm a quick learner and collaborate closely with clients to create efficient, and user-friendly solutions that solve real-world problems.

Skills

C# .NET, ReactJS, Javascript, NodeJS, ExpressJS, MongoDB, PostgreSQL, SQL(Server), P5.JS, Tailwind, Bootstrap, Wordpress, HTML, CSS, Python, R, MATLAB, C, Bash, Latex, Git, Github, Azure DevOps, Web Development, Data Analysis, Parallel Computing, Ubuntu, E-R Modelling in IDERA ER studio.

Experience

University Information Technology Services (UITS)
Kumasi, Ghana

SOFTWARE DEVELOPER (NATIONAL SERVICE)
Oct. 2022 - PRESENT

- Developed Web Applications in **C# using the .NET** framework.
- A Student File Management System to help manage student's prospective application information and documents.
- Collaborated with a colleague to develop a Student Card Management System to help Students of KNUST identify themselves with digital ID cards which can be scanned to verify student status.
- Testing and Data Entry for a timetable application to help departments in KNUST schedule classes and meetings efficiently.
- Development of a Shopping Cart Application.
- Research on ESP's Journals and Cloud Computing.

International Learning Planners(ILP Overseas)
India

DIGITAL MARKETING (INTERNSHIP)
Nov. 2021 - Apr. 2022

- Won Best Performer Premium Certificate for Dec. 2021 and Jan. 2022
- Promoted from intern to Team Leader Officer, Team Leader Manager and Head of Department for Digital Marketing Domain
- Produced Blogs, SEO and Engaging Content (Videos and Posters) for ILP Overseas website and Social Media Platforms that boosted publicity. The tools and applications used were **Canva, Photoshop, Screaming Frog**

Freelance

WEB AND SOFTWARE DEVELOPMENT FREELANCING
Part-time

- Build websites and Applications for clients and teach how to code.

Projects

Superstore Application

Feb. 2023 - Apr. 2023

- A Complete Online store Application with **Authentication and Authorization, Admin and User routes, Paypal Payment, Currency change, product review and more**. Built with **ExpressJS, NodeJS, MongoDB, EJS Templating, HTML, CSS and Javascript.**

Student File System

June. 2023 - July. 2023

- An Application to help manage student's prospective application information and documents. Features include user Authentication as Admin or Student, Create, Edit, Delete, View, Applicant Advanced Search and Document Upload developed with **C# using the .NET framework**

Sketching Application

Sept. 2020 - March. 2021

- A Complete Drawing Application like Microsoft Paint for creative drawing shapes, applying color, editing, image upload, stamps, etc. Developed with **P5.jS libraries, HTML, CSS and JS**

Slack Clone Messaging Application

Apr. 2023 - May. 2023

- A Complete Slack clone with **Authentication and Authorization, Channel creation, direct messaging, texting with images, videos and emojis, sharing and watching external links in app (e.g. Youtube) and more**. Developed with **ReactJS, ExpressJS, NodeJS and Stream API.**

Endless Runner Video Game

Sept. 2019 - March. 2020

- An adventure game, "adventure boy", where player has to escape obstacles, risk losing lives to earn coins and capture the flag at the end. Built with **P5.JS libraries, HTML, CSS and JS**

Synomemes Web Application

Jan. 2022 - Jul. 2022

- Worked with colleage as Frontend Developer on synomemes social media application for sharing memes. With **Authentication and Authorization, Meme sharing, likes, comments, and more**. Built with **PHP, Laravel, MySQL, HTML, CSS and Javascript.**

Other Projects

Jan. 2019 - Jul. 2023

- Social Media Meme App (Synomemes), Google keep clone, Sketching Application, Endless Runner App, Hall of Music Website, Warehouse Management Application, Todolist Application, Themepark Website, Data and Music Visualizer Applications, Rock-paper-scissors application and so on.

Education ────────────────────────────────

Goldsmiths University of London
UK

BACHELOR OF SCIENCE IN COMPUTER SCIENCE   *Sept. 2019 to Present*

- Web Development, Introduction to Programming I, II, Object-Oriented Programming, Algorithms and Data Structures, Google It Professional

Kwame Nkrumah University of Science and Technology
Kumasi, Ghana

BACHELOR OF SCIENCE IN MATHEMATICS, CWA 77.11 (FIRST CLASS HONS)   *Sept. 2018 to Nov. 2022*

- Scientific Computing, Numerical Analysis, Mathematical Programming

ALX Software Engineering Programme
Ghana

SOFTWARE ENGINEERING CERTIFICATE   *Jan. 2023 to Present*

- Restful APIs, ES6, ReactJS, Redux

Certificates ────────────────────────────────

Google IT Professional Certificate

COURSERA.COM   *Aug. 2020 - Oct. 2020*

- IT Security, Techinical Support Fundamentals, Operating Systems, Computer Networking and System Administration and IT Infrastructure Certificates

Responsive Web Design Certificate

FREECODECAMP.COM   *Sept. 2021 - Oct. 2021*

- Completed self paced program on Freecodecamp.com

Achievements ────────────────────────────────

Organising Secretary of the Association of Mathematics

KNUST   *Jan. 2021 - Sept. 2022*

- Voted the Organising Secretary of the Association of Mathematics, KNUST.

Winner of Contest 1 of an Inter-departmental Quiz

KNUST   *Jul. 2021 - Jul. 2021*

- Co-contestant for Department of Mathematics and Winner of Contest 1, Prof. Amekuzi Inter-departmental Quiz 2021 between 11 departments College of Science, KNUST.

Best Performer of the Month Premium Certificates

ILP Overseas   *Dec. 2021 - Jan. 2022*

- Best performing intern during my time at ILP Overseas.

Languages

Professional Proficiency   English, Akan