AMANKONA JOSEPH

Backend Web Developer | ICT & Mathematics Educator  
 GitHub: https://github.com/general-joe?tab=repositories

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Box 77, Duayawnkwanta, Ghana

Nationality: Ghanaian | 🕊 Religion: Catholic | 🧑🏽 Marital Status: Single

Languages: English, Asante Twi

Date of Birth: 12th January, 1985

# PROFESSIONAL SUMMARY

Dynamic and detail-oriented full-stack web developer skilled in both frontend and backend development with a strong foundation in RESTful API development using Node.js, Express.js, TypeScript, and Prisma. Also a passionate and results-driven educator with over 4 years of experience teaching ICT and Mathematics in Ghanaian Junior High Schools. Currently leveraging full-stack technologies including React.js to blend tech with education through AI-powered learning platforms aimed at transforming student experiences in local languages.

# TECHNICAL SKILLS

Frontend: HTML, CSS, Tailwind CSS, React.js

# EDUCATION

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| --- | --- | --- |
| Year | Institution | Certificate Awarded |
| 2022–Date | AAMUSTED – Kumasi | BSc Information Technology Education |
| 2014–2016 | University of Education, Winneba | Diploma in Education |
| 2007–2010 | Sunyani Technical University | HND Accountancy |
| 2003–2006 | Berekum Methodist Secondary Technical School | WASSCE |

# ADDITIONAL TRAINING

2022 – ChippyCode: Backend Web Development

2019 – OGTECH Web Design

2007 – Computer Hardware Training

# WORK EXPERIENCE

* Backend Web Developer  
  ChippyCode – 2024 to Date

- Develops and maintains RESTful APIs for web applications.

- Collaborates with frontend developers and project teams to build scalable backend systems.

- Integrates modern database solutions using Prisma and MongoDB/PostgreSQL.

* Electoral Commission of Ghana (Tano North)

- Polling Station Officer (2023)

- Exhibition Officer (2023)

- Verification Officer (2020)

* ICT Teacher – Bredi JHS (2016–2022)

- Taught ICT to JHS1–3 students.

- Led digital literacy initiatives and introduced basic programming skills.

- Served as a mentor for tech club activities.

* Mathematics Teacher – Subriso No.1 JHS (2012–2016)

- Taught core Mathematics to JHS1–3 students.

- Supported BECE preparation and extra classes for struggling learners.

# PROJECT HIGHLIGHTS

* AI-Powered Educational Platform (In Progress) – Role: Full Stack Developer

- MERN stack project with multilingual chatbot for Ghanaian students.

- Auto-generates lesson plans and schemes of work for teachers.

* LMS Platform for SHS Schools – Role: Full Stack Developer

- Final-year capstone project.

- Built with React.js, Node.js, Express.js, Prisma, and MongoDB.

- Designed to improve student-teacher content management in SHS schools across Ghana.

# STRENGTHS

- Bridging education with modern web technologies

- Community-focused and passionate about student success

- Strong teamwork, adaptability, and continuous learning mindset

* Intern Web Developer  
  Kumatech – 2025 to Date

- Assisting in the design and development of an ERP web application.

- Collaborating with senior developers to implement business logic and database models.

* ICT Teacher – Serwaa Kesse Girls' SHS (2025 to Date)

- Teaching HTML, QBASIC, Database, and Networking Basics.

- Supporting students in practical coding and computing exercises.

HOBBIES

* Listening to music
* Reading of programming books as well coding

REFERENCE

CEO of Kumatech Limited and ChippyCode

Desmond Adusei Amankwaah

(+233248111128)

CEO of Masyntech Coding School-Kumasi Adom

Emmanuel Tweneboa-koduah

(+233537782941)