

## MATTHEW DINKO

Backend Developer | RESTful APIs | Node.js & MongoDB

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

### SUMMARY

Backend Developer with hands-on experience in **Node.js, Express.js, and MongoDB**, trained through **Generation Ghana & MEST Africa**. Skilled in building secure RESTful APIs, managing databases, and integrating backend services with frontend applications. Proven ability to collaborate on team-based projects, debug complex issues, and deliver scalable backend systems.

### RELEVANT EXPERIENCE

#### Silver Rock Technology Services

Accra, Ghana

Backend Developer Intern

April 2025 – Present

- Leading the team on a **Community Wi-Fi project**, designing technical architecture and feasibility study.
- Collaborating with a frontend team to **redesign the TVA website**, supporting with backend integration and technical planning.
- Conducting research into **captive portal systems**, Starlink integrations, and emerging technologies (AI, IoT) for broadband delivery.

#### Bolt Ghana

Accra, Ghana

Driver-Partner

Sep 2022 – Jan 2025

- Used GPS data and analytics to optimize trip planning, increasing efficiency and customer satisfaction.
- Managed high-volume ride requests with reliability and focus under pressure.

#### Enterprise Life Insurance

Accra, Ghana

Life Planner

May 2021 – Oct 2021

- Evaluated client profiles and recommended insurance plans, translating complex data into simple, persuasive explanations.

#### University of Education, Winneba

Winneba, Ghana

Teaching & Research Assistant

Sep 2019 – Aug 2020

- Conducted educational research and supported academic content development.

- Developed analytical and documentation skills relevant to backend architecture planning.

## PROJECTS

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### Team Backend Development Projects

- **Private Tutoring Platform, Library Management Web App & Advertisement Web App**
  - Collaborated with a team of junior frontend and backend developers to design and develop RESTful APIs.
  - Implemented **Node.js, Express.js, and MongoDB** for data management and **JWT authentication** for security.

### Individual Backend Projects

- **Music API, Note-Taking API & Ecommerce API**
  - Built and tested RESTful APIs using **Node.js, Express.js, and MongoDB**, with Postman for API testing.
  - Implemented **CRUD operations, authentication (JWT), and error handling** for scalability and security.
  - Deployed projects on **Render**, ensuring real-world usability.

## EDUCATION

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- **Generation Ghana & MEST Africa**  
*Web Development Program – Backend Track* Feb, 2025 – May, 2025
- **University of Education, Winneba**  
*BA in Economics Education* 2015 – 2019

## SKILLS

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**Languages & Tools:** JavaScript (ES6+), Node.js, Express.js, MongoDB, Postman, Git, JWT  
**Soft Skills:** Leadership, Problem Solving, Teamwork & Collaboration, Technical Communication, and Proactive.

## REFERENCES

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Available upon request.