

# ABDULAI OLUU ABU

Phone+233596705740 | [aabu960@yahoo.com](mailto:aabu960@yahoo.com) | [github.com/aabu960](https://github.com/aabu960) |

## WORK EXPERIENCE

---

### GITECH

Tamale, Ghana

#### Software Engineer

Jan 2021 - Jan 2023

- Developed a business web application using React, Node.js, and MongoDB, integrating Google Maps API for location-based services.
- Improved user engagement by 30% and customer interactions by 15% within the first month.
- Successfully optimized applications for performance and mobile responsiveness.
- Developed a CRM system from scratch, handling over 5,000 active users while reducing data entry errors by 30%.

#### Data Collector and IT Support

Nov 2022 - Jan 2023

- National Service Personnel (NSS) responsible for data collection, analysis, and generating insights.
- Provided troubleshooting and IT support to enhance decision-making processes.

## LEADERSHIP EXPERIENCE

---

### C.K. TEDAM UNIVERSITY OF TECHNOLOGY AND APPLIED SCIENCES

Navrongo, Ghana.

#### Software Development Instructor

Jan 2021 - Oct 2022

- Organized workshops, leading a coding and full-stack development program for 30+ university students.
- Facilitated collaborative learning environments and skill-building sessions.


## PROJECT EXPERIENCE

---

### Task Manager App


Full-Stack Developer

- Developed a **MERN stack** Task Management App using **React, Node.js, Express, and MongoDB**.
- Built a **responsive UI with Tailwind CSS**, allowing users to **create, update, delete, and retrieve tasks** easily.
- Implemented **JWT-based authentication & authorization** for secure user access.
- Designed an **intuitive dashboard** to track tasks with **priority levels, due dates, and completion status**.
- Optimized MongoDB queries for **fast task retrieval and real-time updates**.

 **GitHub:** [github.com/aabu960/task-manager-app](https://github.com/aabu960/task-manager-app)


### ORAL Dshboard(Anti-Corruption Reporting Platform)

- Built a **MERN stack** dashboard using **React, Node.js, Express, and MongoDB** for reporting corruption cases.
- Designed a **responsive UI with Tailwind CSS**, ensuring a seamless user experience across devices.
- Enabled **anonymous reporting** via **web forms, email, and phone calls** (integrated **Twilio API** for voice submissions).
- Developed an **admin panel** to **track reports, view statistics, and manage cases**.
- Integrated **Cloudinary** for **secure image & document storage** (evidence submission).
- Added **real-time data visualization** using **Chart.js**, displaying the **number of cases by region and category**.
- Ensured **role-based authentication (Admin/User)** with **JWT** for security.

 **GitHub:** [github.com/aabu960/oral-dashboard](https://github.com/aabu960/oral-dashboard)

## ***Rent Booking System***

- Developed a **MERN stack** rent booking system using **React, Node.js, Express, and MongoDB**.
- Designed a **responsive UI with Tailwind CSS**, allowing tenants to **browse, filter, and book rental properties**.
- Implemented **property listing features** for landlords to add and manage properties.
- Integrated **Google Maps API** to display property locations.
- Built a **calendar-based booking system** to check **availability and schedule viewings**.
- Implemented **Stripe payment integration** for rent deposits and online payments.
- Added **JWT-based authentication** for secure landlord and tenant accounts.
- Developed an **admin dashboard** for monitoring bookings and managing users.

 **GitHub:** [github.com/aabu960/rent-booking-app](https://github.com/aabu960/rent-booking-app)

## **EDUCATION**

---

**C.K. TEDAM UNIVERSITY OF TECHNOLOGY AND APPLIED SCIENCES**

**NAVRONGO, UPPER EAST, GHANA**

*2-year Diploma in Computer Science*

*Graduation Date: Nov 2022*

**BlueCrest University College, Ghana**

**ACCRA, GHANA.**

*BSc Information Technology*

## **SKILLS & INTERESTS**

---

**Skills:** HTML, CSS, JavaScript, React, MongoDB, Express.js, Node.js, TailwindCSS, MaterialUI, REST APIs, System Analysis & Architecture Design (HLD), Web Accessibility

## **CERTIFICATION**

---

AWS Certified CLF- C02, AWS Restart graduate, System Design Expert

## **PORTFOLIO-WEBSITE**

---

**Portfolio Website :** <https://github.com/aabu960/portfolio-website->

**LinkedIn :** <https://www.linkedin.com/in/abdulai-oluu-abu-409071208>

**Github:** [github.com/aabu960](https://github.com/aabu960)

**Email :** [aabu960@yahoo.com](mailto:aabu960@yahoo.com)

**Phone:** +233 596705740