

# PAPA YAW BADU

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## EDUCATION

**Ashesi University**  
**BSc. Computer Science**

**Brekusu, Eastern Region, Ghana**  
**May 2026**

## WORK EXPERIENCE

**MTN Ghana - Accra, Ghana**

**Jul 2025 - Sep2025**

### IT Digital Department Software Engineering Intern

- Collaborated with the IT Digital team on full-stack development workflows using React and Java Spring Boot in an enterprise environment.
- Engaged in 10+ Agile ceremonies — daily stand-ups, sprint planning, and retrospectives — contributing to a 6-week production-grade software delivery cycle.
- Explored conversational AI and e-commerce platforms built to serve millions of MTN customers across Ghana.
- Examined the infrastructure of MTN's national data centre firsthand, acquiring technical insight into the systems powering over 20 million active subscribers across Ghana.

**Ashesi University Maths Department - Brekusu, Ghana**

**Jan 2024 - Present**

### Pre-Calculus Tutor

- Provided academic assistance to 100+ students in pre-calculus, delivering targeted support that contributed to approximately a 15% improvement in course pass rates.
- Led 10 weekly problem-solving sessions, strengthening students' quantitative reasoning and exam readiness.

**Ghana Microfinance Institutions Network (GHAMFIN) - Accra, Ghana**

**Jun 2025 - Jul2025**

### IT Support Intern

- Delivered IT support for 20+ staff, resolving issues across Microsoft Office, networked printers, and Dropbox cloud systems.
- Organised logistics for a national workshop on credit risk mitigation and loan monitoring, supporting the attendance of 20+ microfinance practitioners across Ghana.
- Maintained internal documentation for digital systems, improving team-wide clarity on operational processes.

**Ghana Microfinance Institutions Network (GHAMFIN) - Accra, Ghana**

**Jul 2023 - Sep2023**

### Summer Intern

- Assisted in the execution of the GHAMFIN Non-Bank Financial Institutions Awards 2023.
- Facilitated 3 training workshops for 15+ non-banking institutions.
- Partnered with the CTO to enhance database applications for tracking member data across 15+ microfinance institutions, cutting manual reporting time by an estimated 20%.

**The Help Initiative - Brekusu, Ghana**

**Jan 2023 - Dec2023**

### Research Facilitator

- Compiled and synthesised research data incorporated into stakeholder presentations and published reports.
- Spearheaded ethnographic field research operations across multiple sites, coordinating a team of researchers and devising streamlined methodologies that reduced data collection time.
- Devised audience engagement strategies for 3+ exhibitions and community fairs, driving a 25% increase in participant turnout.

## PROJECT AND RESEARCH

### HospiManager

**Sep 2024 - Dec 2026**

- Developed a PHP-based hospital inventory management web app to help hospital administrators track medical supplies and inventory operations.
- Implemented HTML, CSS, and JavaScript for a responsive and user-friendly interface.
- Used MySQL for data storage and management.

## CO-CURRICULAR ACTIVITIES

**Ashesi University, Ashesi Blockchain Community**

**Jan 2025 - May 2026**

### Vice President

- Lead executive planning and operations for a student organisation focused on blockchain and emerging Web3 technologies.
- Organised technical workshops introducing students to blockchain fundamentals, growing active membership.
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## SKILLS

- Social Skill: Good Communication Skills, Dynamic Team work
- IT Skills : Ability to solve problems using the Design Thinking Process
- IT Skills: Python, Java(Spring Boot Exposure), JavaScript(Vanilla,React,Next,Node), PHP, HTML, CSS

## REFERENCES

Available upon request