

CHRISTOPHER ATOOPASE

Founder & Computer Engineer

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Location: Bono, Ghana

LinkedIn: [linkedin.com/in/Christopher-Atoopase](https://www.linkedin.com/in/Christopher-Atoopase)

Portfolio: technoidfix.netlify.app



PROFESSIONAL SUMMARY

Founder of TechnoidFix, focused on embedded systems, IoT, robotics, electronics, electrical installations, web development, graphic design, and technology solutions. I combine engineering knowledge with hands-on technical skills to design, build, repair, and develop practical technology solutions.

EDUCATION

BSc. Computer Engineering

Jan 2022 – Jan 2026

University of Energy and Natural Resources

Relevant Coursework

- | | |
|-----------------------------|---------------------------------------|
| 1. Embedded Systems | 7. Computer Architecture |
| 2. Robotics | 8. Digital Electronics |
| 3. Internet of Things (IoT) | 9. Microprocessors & Microcontrollers |
| 4. VLSI Design | 10. Electrical Engineering |
| 5. Secure Network Systems | 11. Engineering Project Management |
| 6. Wireless Communication | |

PROFESSIONAL EXPERIENCE

Computer Laboratory Teaching Assistant (Intern)

Oct 2025 – Jan 2026

Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development (AAMUSTED) — Ashanti Mampong, Ghana

- Assisted students during computer laboratory sessions.
- Supported practical computer lessons and exercises.
- Helped troubleshoot basic computer and software issues.
- Maintained proper use of laboratory equipment.

ENGINEERING PROJECTS

A. Embedded Systems and IoT

- [1] SEMHAS: Design and Implementation of a Smart Sub-Distribution Board Using ESP32 for Real-Time Electrical Monitoring and Control**
Embedded Systems & IoT Developer
<https://github.com/Atoopase1/Teksem>

 - Developed a smart energy management system for monitoring and controlling electrical loads using embedded and IoT technologies.
- [2] Smart Fault Detection, Location & Monitoring System**
Embedded Systems & IoT Developer
https://drive.google.com/drive/folders/14L7hXT0tsY-RONY8qB8L_AfWXq1_8O01

 - Developed an embedded system for detecting, monitoring, and locating electrical faults in a distribution network.
- [3] Smart Waste Management**
Embedded Systems Developer
<https://drive.google.com/drive/folders/1CeVEGoMc7sLstRU-cGw8sjjXmlvjpaag>

 - Developed a smart waste management system using embedded and IoT technologies to improve waste monitoring and management.
- [4] Pet Feeder**
Embedded Systems & IoT Developer
<https://github.com/Atoopase1/Smart-pet-feeder->

 - Developed an automated IoT-based pet feeder for controlled and scheduled feeding.
- [5] Health Management**
Embedded Systems Engineer
https://drive.google.com/drive/folders/1SYucGA7_XEU9jDBv7oqmiL71HDxlF4JC

 - Developed a digital health management system for organizing and managing health-related information and services.
- [6] GPS Tracker**
Embedded Systems Engineer
<https://drive.google.com/drive/folders/1MjTQo3Tz9sdedL4Cy4tgpMIpL8MctX1I>

 - Developed a GPS-based tracking system for monitoring and transmitting location information.
- [7] Farm Logger**
Embedded Systems Engineer
<https://drive.google.com/drive/folders/1Edok5K81IJND0ovnpIEXsJTe6Qm3-Ts>

 - Developed an embedded IoT system for collecting and monitoring farm-related data.

B. Full-Stack and Application Development

[8] Tekyel: Social Networking & Family Connection App

Full-Stack Developer & App Developer

<https://github.com/Atoopase1/Tekyel>

- Developed a social networking app combining messaging, media sharing, and social features, allowing users to communicate, post photos and videos, and interact with content shared by others.
- <https://tekyel.vercel.app/>

[9] NTC Preparation App

Full-Stack Developer & App Developer

<https://github.com/Atoopase1/NTC>

- Developed a mobile-friendly NTC preparation app to help users study, practice questions, and prepare effectively for NTC examinations.

[10] GeniusMarket: E-commerce Marketplace, Delivery and Laundry Services

Full-Stack Developer

<https://github.com/Atoopase1/tekstore>

- Developed an e-commerce marketplace serving the University of Energy and Natural Resources (UENR) campus, students, nearby residents, and the wider community. The platform provides delivery services, laundry services, land services, and mobile phone repair, including a feature for customers to book available repair engineers.
- <https://geniusmarket.online/>

[11] JobBeacon: A Platform for Jobseekers to Find Jobs or Showcase Their Skills to Be Hired

Full-Stack Developer

<https://github.com/Atoopase1/Jobbeacon>

- Developed a job-matching website that connects job seekers with available employment opportunities.
- jobbeacon.netlify.app

TECHNICAL SKILLS

- Embedded Systems
- Electronics
- Internet of Things (IoT)
- Mobile Phone Repair
- Electrical Installation
- Web Development
- Graphic Design
- Technical Troubleshooting

PROFESSIONAL ACTIVITIES

Coding Tutor

Sep 2026 – Present

University of Energy and Natural Resources

- Teach coding and practical programming skills to internship students at the University of Energy and Natural Resources (UENR), guiding them through software development, problem-solving, and hands-on programming projects.

REFERENCES

Dr. Joshua Caleb Dagadu

Academic Supervisor / University

Lecturer

Akenten Appiah-Menka University of Skills Training and Entrepreneurial Development (AAMUSTED)

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Mr. Augustine Awafo

Client / Project Collaborator

University of Energy and Natural Resources (UENR)

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