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# EDWARD JR AGYEMANG-PREMPEH

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## SKILLS

Leadership, Team work, Data manipulation, Documentation, Decision making, Adaptability

## TECH STACK

Node.js, Javascript, TypeScript, React, Angular, Python, AWS, Raspberry Pi

## EXPERIENCE

### **Percuss Robust, Accra** – *Founder and Principal Engineer*

FEBRUARY 2025 – PRESENT

- Designing and building an energy monitoring application for real-time electricity consumption tracking and automated billing. The system integrates feeder and consumer meter data, enabling accurate usage analysis, historical trends, and billing calculations based on predefined tariff structures.
- Designing, building and deploying an e-commerce application called Nature's Touch for natural and organic products.

### **Enyata Software Engineering, Accra** – *Software Engineer*

OCTOBER 2024 – PRESENT

- Designing and implementing risk assessment models to ensure the proper integration of financial data and risk components.
- Providing technical support and analysis for risk management systems, ensuring compliance with regulatory requirements and internal policies.
- Assisting in risk-related decision-making by offering data-driven insights and recommendations to stakeholders.

### **Intelligent Building Solutions, Accra** – *Software and Systems Engineer*

NOVEMBER 2023 – SEPTEMBER 2024

- Reengineering of energy meters and hardware CLI APIs to work seamlessly and communicate effectively with servers.

- Configuration, recalibration, and troubleshooting of industrial automation systems to ensure optimal performance.
- Setup and configuration of servers for hosting web applications, ensuring security and scalability.
- Development and deployment of web and desktop applications tailored to industrial and enterprise needs.

### **Process and Plant Automation, Accra** – *Technical Sales & Software Developer Trainee*

NOVEMBER 2022 – OCTOBER 2023

- Configuration and recalibration of industrial energy equipment to ensure tailored performance.
- Assembling circuit panels for easy installation for clients.
- Integration of employee data with security systems to track the presence of employees in company buildings.
- Integration of alert systems with notification platforms for rapid emergency notice and response.
- Upgrade of the company web store to give it a more modern look.

## EDUCATION

**Kwame Nkrumah University Of Science and Technology, Kumasi** – *BSc. Electrical/Electronic Engineering*

**ALX Africa, Ghana** – *Software Engineering*

## PROJECTS

**NATURE'S TOUCH, Percuss Robust** – *E-commerce application for natural and organic products*

**ROBOCODE, Kumasi Hive** – *Software for tracking a robot's position in space*