

# OLUWADEMILADE KAYODE JAYEOBA

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## Professional Summary

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Detail-oriented mechatronics engineer and frontend web developer with a strong foundation in automation, system design and interactive user interface development, skilled in HTML, CSS, JavaScript and React for building responsive web applications and experienced in applying engineering principles to solve real-world problems, proficient in project management and troubleshooting, seeking a role where I can leverage engineering expertise and web development skills to deliver innovative solutions while expanding my professional knowledge.

## Education

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- B.Eng., Mechatronics** Nov. 2020 – Jun. 2025  
*Bowen University, Iwo, Osun State, Nigeria*
- High School Diploma (WASSCE)** Sep. 2014 – Jun. 2020  
*All Saints' College, Ibadan, Nigeria*

## Work Experience

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**Research Assistant, Institute of Agricultural Research and Training, Nigeria** Feb. 2023 – Aug. 2023

- Conducted engineering research for agricultural applications
- developed a prototype smart irrigation system
- assisted with prototyping and testing
- Maintained accurate records of experiments and technical reports

**Intern, Transmission Company of Nigeria, Ibadan** (Electrical, Protection Control and Metering, Control departments) Mar. 2024 – Aug. 2024

- Assisted in maintenance of electrical equipment and machinery.
- Monitored and recorded transformer readings.
- Supported routine inspections and safety checks

## Projects

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- Colour-Sorting Machine:** Built and tested an automated sorting system.
- Automated Waste Management System:** Designed a self-opening waste bin with sensors.
- Automotive Circuit Trainer:** Assembled and tested electrical circuit trainer for practical demonstrations.

## Skills

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- Engineering Laboratory Skills:** Problem-solving, troubleshooting, teamwork and technical communication

- **Programming:** HTML5, CSS, JavaScript, React.js, Python and Bootstrap
- **Embedded and Robotics:** Microcontrollers, sensors, actuators and control systems
- **CAD and Prototyping:** SolidWorks, basic prototyping techniques
- **Languages:** English and Yoruba
- **Others:** Report writing, documentation, time management, critical thinking and effective communication

### **Leadership Experience**

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Sport coordinator, Bowen Association of Engineering Students: Organized and managed a 25-member student team.