

# Timilehin Olajolo

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## PROFESSIONAL SUMMARY

Agricultural and Bioresources Engineering undergraduate combining a strong technical foundation in software development with engineering mathematical modeling.

## EDUCATION

Federal University of Agriculture, Abeokuta

April 2023 - May 2027

BEng. Agricultural and Bioresources Engineering

## TECHNICAL SKILLS

**Programming:** JavaScript, MATLAB, Python

**Development Tools:** Git/GitHub (Version Control), React.js, Tailwind CSS, Jupyter Notebook.

## WORK EXPERIENCES

**Open Source Contributor ( Independent Learner)**

2024 - Present

Actively building a portfolio of web applications while following a self-paced curriculum in Frontend Development while transitioning to Data Science

## LEADERSHIP EXPERIENCES

**Head of Class, Department of Agricultural and Bioresources**

2023 - Present

Federal University of Agriculture, Abeokuta

Abeokuta, Nigeria

Serve as the primary liaison between faculty and the student body, ensuring clear dissemination of academic deadlines and resources, Manage administrative logistics for departmental activities, demonstrating reliability and strong time-management skills under pressure. Coordinate student participation in academic tasks, ensuring high engagement and collective adherence to university schedules

## PROJECTS

### [Temperature Prediction](#)

Developed a predictive regression model using Python and Jupyter Notebooks to analyze historical data trends. Implemented data preprocessing pipelines with Pandas and visualized output metrics, establishing a foundational understanding of the Machine Learning workflow.

### [Task Master](#)

Engineered a client-side authentication system with custom session management logic using Vanilla JavaScript. Implemented local data persistence (LocalStorage) to maintain application state, demonstrating the ability to construct complex logical workflows and secure data handling without relying on frameworks.

### [Team Apex - Landing Page](#)

Translated design specifications into a rigorous technical implementation, optimizing the codebase for responsiveness and performance. Structured the frontend architecture to ensure modularity and maintainability, serving as the technical foundation for the community's digital presence.

### [Amazon Clone](#)

Developed a functional e-commerce engine, utilizing array manipulation algorithms to handle product categorization and shopping cart logic. Managed complex data flows and state updates, proving the ability to structure and process large datasets programmatically.

### [BuyCoin: Cryptocurrency Landing Page | Team Collaboration](#)

Executed a collaborative development project using Git and GitHub, managing version control and merge workflows within a team. Delivered a high-fidelity interface while adhering to strict technical documentation and deadline constraints, ensuring cross-device stability.

## SELECTED AWARDS AND ACHIEVEMENTS

**Women Techsters Fellowship, Class 25 (2025–2026)**

Scholarship recipient for a year-long training in software development by Tech4Dev.

**Ticket Grant Recipient, PyCon Nigeria 2025**

Awarded a community grant to attend PyCon Nigeria 2025, recognizing commitment to continuous learning and participation in the Python developer community.

**SELECTED PRESENTATIONS AND TALKS**

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**Nigerian Agricultural Engineering Student Body(NIAESB), FUNAAB:** Delivered an engaging talk on *Engineering Beyond the Classroom: Building a skill for the future*, offering practical strategies for prioritization and time management.