

# Idowu Adeniyi

Web Developer | MERN Stack | Full-Stack Development

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🌐 [LinkedIn](#) | 🌐 [Portfolio](#)

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Motivated Web Developer skilled in front-end and back-end technologies like HTML, CSS, JavaScript, React, Node.js, Express.js and PHP. Experienced in creating responsive, user-friendly websites, collaborating in Agile teams, and using Git for version control. Passionate about problem-solving and continuous learning.

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## Technical Skills

- **Frontend:** HTML5, CSS3, JavaScript, React, Pug
  - **Backend:** Node.js, Express.js, PHP
  - **Databases:** MongoDB, MySQL
  - **Tools:** Git, REST APIs, Postman, Docker, Nodemailer
  - **Security & Auth:** Sessions, Bcrypt (password hashing)
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## Relevant Experience

### Web Developer (Freelance & Academic Projects)

2023 – Present

### Capstone Project - Work Hour Tracking Application (MERN Stack)

Developed a full-stack **work hour tracking system** where employees can clock in/out, and admin can manage shifts and employee data.

#### Key Features & Implementation:

- **Authentication & Role Management:**
  - Implemented **session-based authentication** with **Express sessions** and **Bcrypt** for secure password hashing.
  - Role-based access: **Admins manage employees**, while **employees track work hours**.

- **Frontend-Backend Integration:**
    - Created a **server-side rendered UI with Pug** to dynamically display employee data
    - Connected **frontend to backend via Express routes, dynamically rendering views with pug** while handling user actions through form submissions and **API requests** for seamless data updates.
  - **Shift Management & CRUD Operations:**
    - Employees **clock in/out**, with timestamps stored in **MongoDB**.
    - Admins can **add, edit, delete, and search** employees & shift data by date.
  - **Database & API Development:**
    - Designed a **RESTful API** using **Express.js** to handle requests between the frontend and backend.
    - MongoDB used for efficient data storage and retrieval.
  - **Email Notification System:**
    - Integrated **Nodemailer** for employees to send inquiries via a contact form.
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## Education

**Humber Polytechnic North Campus – Postgraduate Degree**  
**Web Development** (*May 2024 – May 2025*)  
*Toronto - Canada.*

**University of Benin – Bachelor's Degree**  
**Computer Science** (*Sep 2006 – Mar 2012*)  
*Benin City - Nigeria.*

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## Interests

Coding Challenges, Gaming, UI/UX Design  
Exploration, Learning New Technologies