

# RICHIE MOLUNO

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## EDUCATION

**University of Benin, Edo state, Nigeria**
Expected December, 2022  
 Programme: Bachelor of Engineering, Mechanical Engineering.  
 Academic Standing: Second Class Upper (4.17/5.0).  
 Dissertation: Design and Implementation of Capacity Limiting RFID access control system.  
 Relevant Courses: Engineering systems and dynamics, **Engineering Design, Engineering Mathematics (Calculus, Numeric Analysis, Computational methods and Non-linear systems, Matrices and Vectors, Linear Programming)**, Control systems and dynamics, **Computer Aided Design**.

## SKILLS AND INTEREST

Programming Languages: **Python, JavaScript**, HTML and CSS.  
 Frameworks/Libraries: **NodeJS, ExpressJS, MongoDB**.  
 Developer tools: Git, GitHub.

## PROJECTS

**Edge Realty** | Real Estate Listing webpage | [Project link](#) | [Github](#)
August, 2022.

- Designed and implemented **RESTful API** to handle, listing, removing, search queries and buying properties.
- Designed **backend application** to manage and store user login, registration and password reset authentication.

**Byinks Marketing Communications** | Digital Marketing | [Project link](#)
August, 2022.

- Managed** a cross-functional team of 3 to deploy a fully responsive design of digital marketing web page.
- Optimized contact form and newsletters resulting in a 16% increase in user clicks and 35% in company sales.
- Implemented domain configuration and web hosting improving website reach by 20%.

**Eshopper** | Ecommerce | [Project link](#) | [Github](#)
March, 2022.

- Developed the front-end responsive design of an e-commerce website improving user experience by 15%.

## WORK EXPERIENCE

**Back-end Engineer, Boayant, Ikeja, Lagos state.**
August, 2022 till date.

- Regularly inspected server code resulting in improved speed optimization.
- Collaborated closely with the product and design team to understand better end user requirements, resulting in improved end user experience.
- Implemented backend usability of all front side applications

**Intern, San-tech Studios, Benin-city, Edo state.**
May - July, 2022.

- Directed** an agile team of 3 to design and build a Digital marketing webpage.
- Designed a user friendly website with maximum user experience, generating a 47% increase in customer satisfaction.
- Deployed a user friendly login page with detailed documentation on the build-up process.

**Intern, Estate Department, Transport and works division. University of Benin.**
June 2020 - August 2020.

- Completed tests to contribute to failure mode and effect analysis, complying with company policies and procedures reducing downtime by 15%.
- Conducted** training sessions to ensure all safety regulations were adhered to, resulted in 40% decline in cases of workplace accidents.

## VOLUNTEERING ACTIVITIES

- Volunteered** for Google Developer Group, publicized the programme resulting in a 25% increase in turnout.
 June 2022.
- Coordinated** an immunization programme for over 300 children resulting in a 60% decline in reported cases.
 May, 2019.
- Tutored a group of 12 students for an Engineering drawing exam, resulting in 66% ending the semester with an A.
 March, 2018.

## ACHIEVEMENTS AND AWARDS

- Awarded Google Africa Developer Scholarship.
 June, 2022.