

MOYINOLUWA ADELOWO

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EDUCATION

Alabama Agricultural & Mechanical University , Expected May 2027	Normal, AL
Bachelor of Science in Mechanical Engineering, Computer Science Minor, 4.0/4.0 GPA	
AltSchool Africa	Lagos, Nigeria
Diploma in Backend Engineering	April 2022 – June 2023

TECHNICAL SKILLS AND SOFTWARE PROFICIENCIES

• SolidWorks • Microsoft Office • Python 3 • JavaScript • Arduino Programming • C++ • HTML & CSS • Bootstrap & Tailwind • SCSS/Sass • Data Analysis • Git & GitHub • Graphic Design • MongoDB • Node.js • React.js • Typescript

WORK EXPERIENCE

May 2023 – August 2023	Oluadepe Farms Nigeria Limited	Ibadan, Nigeria
Backend Engineering Intern		
<ul style="list-style-type: none">Participated in weekly mentorship meetings, improving project efficiency and reducing development bottlenecks through timely feedback.Developed the backend and API functionalities using node.js, express.js, MongoDB, and other software.Utilized jest and supertest for the backend application's unit, integration, and end-to-end testing, increasing product reliability.		
October 2022 – December 2022	HNG	Ibadan, Nigeria
Frontend Engineering Intern		
<ul style="list-style-type: none">Ranked among the 300+ finalists from a pool of 11,000+ accepted applicants worldwide, after elimination based on completion of assigned tasks, demonstrating exceptional qualifications and skills.Built a Linktree and Airbnb clone-like web app using React.js and modular CSS.Played a crucial role as a frontend developer using React.js for replicated user interface and implementing functionalities, CSS for styling, and Storybook for testing components in developing Varena, an NFT-based game, across a cross-functional team.		

PROJECT EXPERIENCE

September 2023 – Present	NASA Human Rover Exploration Challenge	Normal, AL
<ul style="list-style-type: none">Utilize SolidWorks in the design and assembly of the Rover system, which is to be produced using various machines.		
May 2023 - June 2023	Bub It	Ibadan, Nigeria
ReactJS, SCSS, NodeJS, Express, and MongoDB		
<ul style="list-style-type: none">Successfully designed and developed a URL shortener web application from inception to deployment.Ensured smooth integration between the API and front-end components, resulting in faster load times.Implemented secure user verification through cookies, enhancing users' data protection and system security.Introduced premium features such as QR code generation for easy access, advanced analytics for user insights, and custom URL creation.Incorporated authentication functionality, providing seamless access to premium features.		
February 2023 - March 2023	Jitters Chatbot	Ibadan, Nigeria
NodeJS, Express, Socket.io, MongoDB		
<ul style="list-style-type: none">Created a highly effective chatbot that streamlined the ordering process for restaurant customers.Integrated real-time chat functionality using Socket.io, enabling instantaneous communication between customers and staff automated responses.Implemented user chat persistence through express session management, ensuring chat retention across sessions and devices.		

ACTIVITIES AND HONORS

• National Society of Black Engineers (NSBE) Member • Special Projects Laboratory Member • AAMU Vex Robotics Member • The American Society of Mechanical Engineers (ASME) • AAMU Presidential Scholarship Award • Google Developers Student Club Member