

ADELSON DABUP

Web Developer

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ANISEng

With 6 years of experience in hardware troubleshooting, network analysis, and 3D modeling, I have a strong background in satellite technology development and computer systems. Spearheaded research on on-board data handling technologies for satellite systems. Skilled in hardware troubleshooting, 3D modeling, and systems administration.

WORK EXPERIENCE

Centre for Satellite Technology Development • FCT Abuja • 01/2019 - Present

Scientific Officer

- Conducted in-depth research on on-board data handling technologies for satellite systems, keying in on enhancing satellite data efficiency by 20% within 12 months.
- Utilized 3D modeling tools to design, print, and assemble engineering-scale models of small satellites.
- Documented complex technical procedures and subsystem interactions, contributing to clarity in project lifecycle management.

Federal Neuro-Psychiatric Hospital • Kaduna • 01/2018 - 06/2018

Hardware Technician/ Computer Systems Instructor

- Hardware troubleshooting.
- Systems administrator.
- Data entry and records keeping.
- Computer systems instructor.

Geeroute Systems • Jos, Plateau State • 06/2015 - 08/2015

Hardware Technician

- Hardware troubleshooting.
- Network Analysis.
- Microsoft Office data processing suite instructor.

CERTIFICATIONS

Full-Stack Development with Node.JS • 02/2025

Rework Academy

SKILLS

- Axios
- Chrome DevTools
- Client-side Optimization
- Component-Based Architecture
- CRUD operations
- CSS3
- CSS Grid
- Debugging and Troubleshooting
- DOM Manipulation
- Dynamic Routing
- Expo
- Express.js
- Figma to Code Translation
- Flexbox
- Github Pages
- HTML5
- JavaScript (ES6+)
- jQuery
- JSON
- MongoDB
- Mongoose
- MySQL
- Next.js
- Node.js
- npm / yarn
- Postman
- Prettier
- React.js
- React Native
- React Router
- Responsive design
- Responsive Web Design
- REST APIs and JSON
- RESTful API

Front-End Web Development with React-JS • 10/2024

Rework Academy

IBM Data Science • 07/2020

Coursera

Affiliate Member, Nigerian Institution of Space Engineers (ANISEng) •

03/2020

Nigerian Institution of Space Engineers

AWARDS & SCHOLARSHIPS

Technical Presentation Proficiency Award • 02/2015

IET, UK

PROJECTS

Todo with React Native • 07/2025 - Present

Designed and developed a mobile-first to-do list application focused on user experience, task management, and interactive UI, built with scalability for full-stack integration.

Project Link: https://github.com/GoldnRamen/Native_Crud

CoffeeShop with React Native • 07/2025 - Present

Designed and developed a **mobile-first coffee shop application** focused on smooth user experience, visually appealing UI, and future-ready architecture for full-stack scalability.

Project Link: https://github.com/GoldnRamen/Native_CoffeeShop

StoreFront • 04/2025 - Present

Built a fully functional e-commerce store application for a local poultry with dynamic product browsing and a seamless shopping experience.

Project Link: <https://github.com/GoldnRamen/StoreFront>

SunnyFresh Laundry • 11/2024 - 02/2025

Developed a responsive web application for booking and managing laundry and dry cleaning services online, tailored to user convenience and business efficiency.

Project Link: <https://github.com/GoldnRamen/SunnyFresh>

Bose Clone • 08/2024 - 08/2024

Recreated the homepage and key sections of the official Bose website with a focus on responsive layout, clean design, and interactive elements.

- Single Page Applications (SPA)
- State Management / useState / useEffect / useContext
- System Testing
- Tailwind CSS / Bootstrap
- useLocalSearchParams for React Native)
- Version control (Git & GitHub)
- VS Code

Programming Languages

- C#
- C++
- Javascript
- Python
- SQL
- Visual Basic

Software Proficiency

- Arduino IDE for embedded systems design
- Asana project management tool
- Blender for 3D modelling
- Cisco Packet Tracer
- Git for DevOps source code management
- GNS3 simulator
- Microsoft Office Suite(Word, Excel, Powerpoint)
- Proteus Embedded systems simulator
- VS Code
- Wordpress CMS

Operating Systems

- Android
- Debian
- Kali(Linux)
- Manjaro
- Windows

Other Skills

- Adaptability
- Attention to detail

Project Link: https://github.com/GoldnRamen/Bose_Home

Blissworld Clone • 07/2024 - 07/2024

Developed a full-stack e-commerce clone inspired by Blissworld, focusing on beauty product listings, dynamic routing, and user interaction from front to back.

Project Link: <https://github.com/GoldnRamen/BlissWorld>

Improved Networking Scheme for Future Implementation in Plateau State University Campus

Plateau State University Campus

- Proscribed and designed a successful network design and topology which could serve all LAN and WLAN expectations of Plateau State University as of December 2017.
- Identified vulnerabilities and lapses in the configurations used before January 2016.
- Produced a comprehensive report on how the improvements could be realized and implemented.

Real-time Cryptocurrency Prediction WebApp

- Deepened experience in working with Javascript.
- Expanded knowledge of databases as I worked with MongoDB.
- I learned to collaborate with other developers and meet set goals.

CSTD TubeSat Mission

CSTD

- Gained valuable programming experience working with Visual Basic and C++ on Visual Studio IDE.
- Learned how to enable serial communication from radio modules to Arduino IDE.
- Learned how to interface serial monitor data to a GUI.
- Learned proper project documentation techniques.

VOLUNTEERING & LEADERSHIP

Eric Lazarus Limited • 03/2025 - 04/2025

Technical Instructor Web Dev • Abuja, Abuja

- Command Line (CLI) Tools
- Communication (especially explaining technical ideas simply)
- Continuous Integration / Deployment (CI/CD)
- Eagerness to learn (Coachability)
- Embedded systems design and assembly
- Problem-solving
- SQL Database creation and troubleshooting
- Team collaboration
- Time management
- Verbal & Written Communication

EDUCATION

B.Sc Computer Science

Plateau State University, Bokoos

Plateau State University, Bokoos

01/2017