

# EARL GIERALD BANDIOLA VERZON





## Full Stack Developer | BSCS Graduate

+63961-773-8619 | earlbandiola0403@gmail.com

Github Repo: <https://github.com/nixxdotdev>

Web Portfolio: <https://nixxdotdev.vercel.app>

### TECHNICAL SKILLS

- **Front-end Development** - React.js, Flutter UI, Bootstrap, SCSS, HTML, CSS 
- **Back-end Development** - Node.js, Express.js, MongoDB, Firebase, MySQL, SQLite 
- **Full-stack Development** - MERN Stack, Flutter Framework
- **Programming Languages** - JavaScript, Dart 
- **Others** - Git, Postman 

### SOFTWARE PROJECTS

#### GRADACAD: Grade Management System for Norzagaray College (THESIS Project)

Tech Stack: *MongoDB, Express.js, React, Node.js*

- Web-based Application manages records of college student's academic grade as well as automated computations and performance analytics.
- Implemented RESTful API to handle continuous and large-scale request efficiently.
- Integrated MongoDB Atlas for cloud-hosted database solutions, ensuring flexibility, cost reduction, and high availability.
- Implemented JWT-based authentication and role-based access control for administrators, faculty, and students.
- Deployed on cloud servers (Node.js + MongoDB Atlas), optimized for handling concurrent users.

#### BLOOMBIRTH: Pregnancy Records and Monitoring

Tech Stack: *Flutter, SQLite*

- Built a clean, intuitive UI with Flutter for Desktop (Windows), focusing on accessibility and usability for healthcare staff.
- Integrated with SQLite for fast, reliable database to retrieve data locally.
- Optimized for offline-first workflow, ensuring midwives and clinics in low-connectivity areas can still use the system without disruption.

#### ROBOTRACK: Robotics Inventory Management System

Tech Stack: *Flutter, Firebase*

- Built with Flutter, providing a mobile application interface with pages for login, registration, home screens (specific to user roles), account settings, and feedback submission.
- Use Firebase Authentication manage user auth including, sign-up and sign-in and password reset functionalities.
- Utilize a NoSQL document database (Cloud Firestore) used to store structured data, such as user profiles, inventory information, and application settings.

### CERTIFICATES

#### Software QA Manual Testing

Introduction to Software Manual Testing, offering a step-by-step guide on identifying and analyzing software malfunctions and bugs.

<https://nixxdotdev/SQAManualTesting.pdf>

#### Javascript Essentials 1

Understand the syntax of the core JavaScript language that allow for working with variables operator, flow control and function.

<https://credly.com/go/JSCert>

### EDUCATION

#### Bachelor of Science in Computer Science

Norzagaray College (2020 - 2025)

#### Science, Technnology, Engineering, and Mathematics Strand

Norzagaray National Highschool - Senior Highschool Department (2018-2020)

I hereby certify that the above information is true and correct to the best of my knowledge and belief.

  
**EARL GIERALD B. VERZON**  
APPLICANT