NIC ANGELO IDIAN

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Github: github.com/NiccAngelo/broadcast-management-system

Portfolio: niccangelo.github.io/my-portfolio/

PROFILE

Full-stack developer and Bachelor of Science in Information Technology graduate with hands-on experience building production-ready web and mobile applications. Expertise in REST API development, authentication systems, Docker containerization, and cloud database management. Proven ability to deliver secure, scalable systems with role-based access control, real-time notifications, and Firebase integration. Strong foundation in modern development practices, UI/UX design, and agile methodologies. Passionate about creating user-centered solutions that address real-world community needs.

EDUCATION
June 2025

Bachelor of Science in Information Technology, University of Nueva Caceres

SKILLS

Software Development Tools

- Software Engineering
- Full-stack web and mobile development (Ruby on Rails, React, Flutter, PHP)
- Database management (MySQL, PostgreSQL)
- REST API design and development

Cloud & DevOps

- AWS cloud databases
- Docker containerization and deployment

UI/UX & Design

- Responsive web design
- Mobile app development (Android Studio and Flutter)
- UI/UX prototyping (Figma)

PROJECTS

2025

BarangayCare - Barangay Health Center Services and Management System

React 18, PHP, MySQL, Flutter, Git - Capstone Project for Gainza, Camarines Sur

- Developed a full-stack mobile and web application to manage community health data for barangay residents
- Implemented household profiling, resident registration, and medical checkup modules with trimester-based pregnancy monitoring
- Built equipment lending system with tracking and availability management
- Integrated secure authentication with role-based access control for nurses, health workers, and residents
- Created real-time update system for checkup forms, announcements, and data validation
- Managed version control using GitHub with structured commits and collaborative workflow

Broadcast Management System - Full-Stack Notification Platform

Rails 7, React 18, Flutter, PostgreSQL, Firebase, Docker - Personal Project, 2025

- Developed a full-stack notification system where admins send broadcast messages to mobile users via push notifications
- Built REST API with Rails using JWT authentication, PostgreSQL database, and Docker containerization
- Created React web dashboard with role-based access control (admin vs regular users)
- Implemented Flutter mobile app with Firebase Cloud Messaging for real-time push notifications
- Integrated Firebase FCM for instant notification delivery to multiple devices simultaneously
- Managed state using Provider pattern in Flutter and Context API in React
- Deployed backend using Docker with docker-compose for easy environment setup

EXPERIENCE

Nov 2022 - Feb 2023

Assisted in assembling and configuring desktop computers for a local computer shop, including hardware installation and OS setup. Helped set up the LAN, including router configuration, cable management, and device connections.

TRAINING AND CERTIFICATIONS

-	AWS Academy - Cloud Architecting, AWS Academy	May 2025
-	AWS Academy - Cloud Operations, AWS Academy	May 2025
-	Cyber Threat Management, Cisco Network Academy	Apr 2025
-	Business Process Modeling, LinkedIn Learning	Jan 2025
-	Learning SQL Programming, LinkedIn Learning	Mar 2025
-	Introduction to Cybersecurity Cisco Networking Academy	Dec 2024
-	Agile Software Development, LinkedIn Learning	Apr 2024
-	AWS Academy - Cloud Developing, AWS Academy	Jan 2024
-	AWS Academy - Cloud Foundations, AWS Academy	Nov 2023
-	Requirements Elicitation and Analysis, LinkedIn Learning	Nov 2023
-	Programming Foundations: Design Patterns, LinkedIn Learning	Nov 2023

PROFESSIONAL DEVELOPMENT

University of Nueva Caceres AC Program Professional Employment Program | Naga City | 2025

REFERENCE

Dennis Ignacio

Faculty Member

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