

JASMINE P. BARNACHEA

Agoo, La Union | +63 963 928 3365 | barnacheajassy@gmail.com | linkedin.com/in/jasminebarnachea
| github.com/jasminebarnachea | portfolio: jasminebarnachea.site

PROFESSIONAL SUMMARY

Information Technology graduate specializing in web and mobile application development. Skilled in TypeScript, JavaScript, React, Next.js, Flutter, PHP Laravel, database management, and API integration. Experienced in developing information systems, conducting software testing, debugging applications, and creating user-focused digital solutions through academic and capstone projects.

SKILLS

Programming Languages: Java, JavaScript, TypeScript, PHP, SQL

Web Development: HTML, CSS, React.js, Next.js, Node.js, Laravel

Mobile Development: React Native, Flutter, Expo Go

Database: MySQL, MongoDB, Oracle Database SQL

Version Control: Git, GitHub

API & System Development: RESTful APIs, API Integration, Software Testing, Debugging

Networking & Security: CCNA Fundamentals, Network Administration, Cybersecurity Fundamentals

Design & Productivity Tools: Canva, Adobe Photoshop, Microsoft Word, Microsoft PowerPoint

Professional Skills: Problem Solving, Time Management, Team Collaboration, Ability to Work Under Pressure

EDUCATION

UNIVERSIDAD DE DAGUPAN

BS Information Technology

2026

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Operating Systems, Database Systems, Web & Mobile Development, Computer Networking, Network Administration (CCNA), and Cybersecurity Fundamentals.

WORK EXPERIENCE

LGU - Agoo Agoo, La Union

HR - Intern

Feb. 2026 – May, 2026

- Managed and organized digital employee records and documentation to support accurate information tracking and record maintenance.
- Maintained spreadsheet databases and updated digital records to improve information organization and accessibility.
- Provided basic technical support for office operations and assisted with technology-related concerns.
- Designed digital materials using Canva and supported administrative digital requirements.

Universidad de Dagupan

Dagupan, Pangasinan

Lead Developer - Capstone Project

May 2025 – Dec. 2025

- Led the development of a mobile booking application that connects pet owners with pet sitters through a digital service platform.
- Designed and implemented application features and functionalities using TypeScript and PHP.
- Developed core system components, conducted software testing, performed debugging, and optimized application performance and usability.
- Collaborated in the planning, development, and improvement of system features to ensure a reliable user experience.

PROJECTS

PetSit Connect (Mobile App)

Github: <https://github.com/binibaby/Capstone-App>

2025

- Developed a React Native mobile application connecting pet owners with pet sitters through an online booking platform.
- Implemented features including service search, booking management, communication functions, and location tracking using Location API integration.
- Conducted application testing, debugging, and system improvements to enhance usability and performance.

LGU DigiVault – Digital Records and Archiving System

2026

Github: <https://github.com/jasminebarnachea/lguarchive> | Link: <https://lgu-digi-vault.vercel.app>

- Developed a digital records management system for scanning, uploading, organizing, and retrieving LGU documents.
- Implemented AI-powered search and file organization features to improve document retrieval efficiency.
- Applied database management and information system development concepts in creating a digital archiving solution.

TriFare Agoo (Mobile App)

2026

Github: <https://github.com/jasminebarnachea/TriFare-Agoo>

- Developed a Flutter-based mobile application that provides transportation fare information and route assistance.
- Integrated API-based location tracking and fare calculation features to support commuter accessibility.
- Designed user-focused features to improve access to transportation information.

Cafe Pulse – POS and Analytics System

2026

Github: <https://github.com/jasminebarnachea/PosCafeShop> | **Link:** <https://cafe-pulse-advertise.vercel.app>

- Developed a Point-of-Sale (POS) system for café operations, including order management, payment tracking, and sales monitoring.
- Created an analytics dashboard with AI-powered business insights for improved decision-making.
- Applied software development, database management, and system design principles in application development.

AiDeaMo – AI Capstone Title Generator

2026

Github: <https://github.com/jasminebarnachea/ai-capstone-title-generator> | **Link:** <https://ai-capstone-title-generator.vercel.app>

- Developed an AI-assisted application that generates customized Information Technology and Computer Science project ideas.
- Created automated suggestions to help students develop and plan capstone project concepts.
- Applied artificial intelligence concepts in developing an educational technology solution.

CERTIFICATIONS & TRAINING

- CCNAV7: Introduction to Networks
- CCNA: Switching, Routing, and Wireless Essentials
- CCNA: Enterprise Networking, Security, and Automation
- Introduction to Cybersecurity
- Oracle Database Programming with SQL
- Salesforce VIP Program