

MARK ANGELO CAPILI

3rd Year - BS Information Technology Student
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Education

Bachelor of Science in Information

Bataan Peninsula State University (BPSU)

- Expected Graduation: April 2026
- Relevant Coursework: Data Structures & Algorithms; Database Management Systems; Web Application Development; System Analysis & Design; Network Security

Academic Projects:

PetPath: Smart Pet-Tracking Mobile App

- Designed and prototyped a Flutter-based mobile application integrating Google Maps API for real-time GPS tracking.
- Implemented safe-zone geofencing and push-notification alerts using Firebase Cloud Messaging.
- Collaborated in a 4-member team, managed version control via Git/GitHub, and prepared technical documentation.

BPSU PerformanceTracker: Web-Based GPA Dashboard

- Developed responsive front-end using HTML5, CSS3 (Flexbox/Grid), and JavaScript (ES6).
- Created RESTful API with Node.js and Express to fetch and update student grades.
- Set up MongoDB Atlas database; wrote aggregation queries to compute GPA and academic standing.

Course Management Admin Dashboard (Coursework)

- Developed responsive front-end using HTML5, CSS3 (Flexbox/Grid), and JavaScript (ES6).
- Created RESTful API with Node.js and Express to fetch and update student grades.
- Set up MongoDB Atlas database; wrote aggregation queries to compute GPA and academic standing.

Achievements

- Dean's Lister for 4 consecutive semesters (2022–2024)
- Secretary, ArchWizards Society (Dean's Listers Organization), organizing academic workshops and peer-tutoring sessions
- Member, SSITE (Student Society for Information Technology Education); co-hosted "Code to College" seminar for senior high students
- Volunteer Developer, BrgyCare: Integrated Health & Safety Platform—implemented health appointment booking feature

Technical Skills

- **Programming & Scripting:** Java, Python, JavaScript (ES6), PHP
- **Web Development:** HTML5, CSS3 (Flexbox/Grid), Bootstrap, React (basics)
- **Databases:** MySQL, MongoDB
- **Tools & Platforms:** Git/GitHub, Firebase, Visual Studio Code, Postman
- **Concepts:** RESTful API, Responsive Design, Agile/Scrum, Network Fundamentals

Communication/Management

Led a 5-member study group for Database Systems; coordinated weekly review sessions and shared resources via GitHub. Strong interpersonal skills developed through cross-functional team projects and student organization events