

# Florence Bon D. Lacorte

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## EDUCATION

**POLYTECHNIC UNIVERSITY OF THE PHILIPPINES**

**October 2020 - October 2024**

*Bachelor of Science in Information Technology*

## EXPERIENCE

**Philippine Coconut Authority**

**March 2024 – July 2024**

*Fullstack Developer Intern*

- **Oil Palm Farmer Registry System (OPFRS)**
  - Full stack Developer, Web designer
  - Developed OPFRS from scratch, used for keeping records of oil palm farmers in the Philippines.
  - Implement a dashboard that generates graphs and reports about the farmers' information.
  - Optimized the way of table fetching to handle 2.7 million farmers' data in 10 seconds, preventing website crashes; solution adopted to other existing projects for large data handling.
- **Inventory Management System (IMS)**
  - Collaborated on implementing backend solutions for IMS with regards to PCA's item suppliers.
  - Refactored 50% of the code base which were written by previous interns.
- **Employee Payroll Management System (EPMS)**
  - Contributed to developing a web version of an existing Employee Payroll Management System, transitioning from a C# application to a ReactJS-based website.

Technologies: PHP, HTML, CSS, Bootstrap, SQL, JavaScript, jQuery

## TECHNICAL SKILLS

**Languages:** C, C#, Java, Python, JavaScript, TypeScript, PHP, SQL, Flutter

**Frameworks:** Express, Node.js, Next.js, Bootstrap, Tailwind CSS

**Libraries:** React, React Native, JQuery

**Databases:** Firebase, PostgreSQL, MongoDB

## PROJECTS

**PUP-Find (Thesis Project)** [Website](#) | [Github](#)

**November 2023**

*Fullstack Developer and Web Designer*

- Developed and deployed streamlines the process 40% in terms of searching, reporting, communication, and documentation.
- Incorporated processes for creation and management of lost and found reports which helps the admins knowing who to communicate with for possible matching reports.
- Streamlined creation and management of lost and found reports, facilitating admin communication and matching of items.
- Implemented real-time messaging with Socket.io for client inquiries towards the admins about their lost and found items and reports.

Technologies: ReactJS, MongoDB, Express, Node.js, Socket.io, Git, Tailwind CSS, Cloudinary