

## Nathanael Stephen E. Memis

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### Education

#### **Polytechnic University of the Philippines**

BS in Computer Science, Cum Laude

Sta. Mesa, Manila

2020 - 2024

#### **University of Rizal System**

STEM, Consistent Honors

Morong, Rizal

2018 - 2020

### Technical Skills

**Web Development:** HTML, CSS, Javascript, Typescript, PHP, Node.js, React.js, Express.js

**Software Development:** C, Java, Python, Electron.js

**Databases:** MySQL, Firebase, MongoDB

**Soft Skills:** Communication, Collaboration, Problem Solving, Time Management, Adaptability

### Experience

#### **Pixel8 Web Solutions & Consultancy Inc.**

##### **Backend Developer Intern**

Legazpi City, Albay

August - October 2023

Implemented microservices using RESTful architecture in PHP. Developed unit tests using PHPUnit to ensure the reliability and correctness of the microservices. Collaborated with different developers.

### Projects

#### **CalPal**

Developed a calorie tracking web application using the MERN stack allowing users to log their daily food intake. Created a wrapper mobile application using React Native to provide a more seamless mobile experience for users.

#### **Vantablack**

Built an anonymized encrypted messaging web application using the FERN stack, enabling users to communicate anonymously and securely.

#### **ResumeChecker**

Programmed a machine learning model for a resume screening software, designed to automate the recruitment process by ranking candidates based on their alignment with a job description.

#### **FixItNow!**

Implemented a maintenance reporting web application using HTML, CSS, JS, and Firebase, allowing the maintenance department to manage all maintenance-related issues in an organized way.

#### **7576 Book Binding Services**

Developed a database management web application using HTML, CSS, JS, and MySQL, offering stakeholders with an organized platform to handle client inquiries efficiently.

#### **BarakoCoffee**

Created the lexical analyzer and syntax analyzer of a Taglish-based OOP programming language using Java, facilitating Filipino students' learning of OOP concepts in a more accessible and flexible way.

#### **Food Buddies**

Built the frontend of a food review blog website with React, enabling food enthusiasts to share culinary experiences and discover new dining options.