ESTRELLA, ZACH GABRIEL SALONGA

Address: Malate, Manila

Mobile: 0977-097-1214

Email: zachgabriel.estrella@gmail.com

LinkedIn: https://www.linkedin.com/in/zach-estrella/

Portfolio: https://zachgse.github.io

ABOUT ME

• Equipped with proficiency in programming languages, development tools, and methodologies. I have demonstrated strong problem-solving skills and a solid understanding of software development principles through academic and personal projects. Eager to learn and contribute, I am well-prepared to embark on a career in the dynamic field of software development.

EDUCATION

COLLEGE: **De La Salle - College of Saint Benilde**

Bachelor of Science in Information Systems / 2018 – 2022

CERTIFICATIONS

AWS Knowledge: Cloud Essentials (Amazon Web Services)	(Dec, 2023)
Java Basic Certificate (Hacker Rank)	(Dec, 2023)
Python Essentials 1 (Cisco Networking Academy)	(Dec, 2023)
Python Essentials 2 (Cisco Networking Academy)	(Dec, 2023)
Foundational C# with Microsoft (Microsoft)	(Nov, 2023)

TECHNICAL SKILLS

Web Development: HTML, CSS (Bootstrap), JavaScript, PHP (Laravel)

Operating Systems: Windows

Database Management Systems: SQL (MySQL and PostgreSQL)

Programming Languages: Java, C#, Python

Version Control: GitHub, Bitbucket

Project Management and Collaboration: Jira

Microsoft Office Software: Microsoft Word, Microsoft Excel, Microsoft PowerPoint

Design and Editing: Adobe Photoshop, Figma

_____

WORK RELATED EXPERIENCE

• **Web Developer - Pilipinas Micro Matrix Inc. (August 2022 - Present)**

➤ Develop diverse web applications to meet both company objectives and client requirements.

➤ Utilize PHP (Laravel), MySQL, and JavaScript to create a range of web-based products.

➤ Merge front-end templates with back-end components to build comprehensive applications.

➤ Foster collaboration with fellow developers to maintain consistency and quality in application content.

➤ Provide technical support to clients, ensuring seamless functionality and satisfaction.

_____

RESEARCH PAPERS AND PROJECTS

• **Simple RPG Game (2023)**

➤ C#-based text adventure RPG game is designed with simplicity in mind. It incorporates fundamental Object-Oriented Programming concepts, including inheritance, loops, and other core principles inherent to OOP.

• **Student Management System (2023)**

➤ Student management system, built on Python, provides users with a range of operations, including the creation, viewing, updating, and deletion of student records within the database.

• **Sales and Inventory Management System (2023)**

➤ Sales and Inventory Management System, developed in Java, empowers users to input their inventory stocks, monitor the total amount post each transaction, and meticulously record monthly sales. This comprehensive approach enables the

systematic tracking of overall net profit/loss, providing a robust solution for effective sales and inventory management.

• **Tails and Wags (2023)**

> Tails and Wags presents itself as a veterinary appointment booking system facilitating seamless connections between users and clinics. The system incorporates fundamental CRUD functionalities, allowing users (patients) to schedule their appointments with the clinics registered within the platform. To ensure secure and smooth transactions, the system is integrated with the Paymonggo API, serving as a reliable payment gateway for all financial transactions.

• **Filospace (2023)**

> Filospace stands as a straightforward photo-stock management system, offering users the capability to effortlessly download their preferred images. The system, overseen and curated by the administrator, provides and maintains a collection of images. It incorporates basic CRUD (Create, Read, Update, Delete) functionalities exclusively accessible through the administrator side, ensuring efficient control and management of the system's photo-stock.

• **Mentalit-E (2022)**

> Mentalit-E, is an online platform dedicated to mental health. It serves both patients and clinics (administrators and employees) by enabling users to conveniently schedule consultations with their chosen clinic within the system. Additional features include a community forum for user interaction, a rating and booking system, an integrated chatbot, a ticketing system for customer support and inquiries, and system maintenance capabilities on the administrator side.

• **Mentalit-E: The Need for an Online Mental Health Services Platform in the Philippines (2021)**

- The study discusses the need for an Online Mental Health Service Platform in the Philippines wherein the researchers have found out that there is a lack of online mental health platforms in the country. It led the researchers to propose a system that will connect the patients and clinics together.