

Tristan Ehron Tumbaga

Software Developer

Bringing more than 2 years of experience leading website projects, including gathering user requirements, producing code, creating mockups and enhancing designs. Focused on creating clean, robust code with exceptional security. Achieves compatibility targets while meeting and exceeding customer demands.

Contact

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WWW

<https://www.tristanehron.xyz/>

Skills

Programming Languages

JavaScript (ES6), Java

Libraries & Frameworks

React, Node.js, Express, RESTful APIs, JSON, jQuery, HTML5, CSS3, OAuth, NPM, WebSocket, Jest, Socket.io, Passport, JWT, Bash

Tools & Platforms

Git, GitHub, Figma, Postman, PostgreSQL, GCP, ChatGPT, Notion, AWS S3, AWS Amplify, AWS EC2, Route53, WordPress, Docker

Methodologies

SDLC, Agile

Work History

Feb 2025 – Aug 2025

Software Engineer

Avaloq, Makati City, Philippines

- Develop and implement new features based on internal and external requirements.
- Bank system maintenance including root cause analysis, bug fixing, SQL query optimization, and code improvements to enhance system reliability and performance.
- Provide technical assistance for customers or business analysts.

Jul 2023 – Jul 2024

Backend Web Developer

Bytewise, Borongan, Eastern Samar, Philippines

- Assisted on development of Borongan Smart City's Application, facilitating efficient transportation management for Borongan City's Smart City initiative, resulting in 25% reduction in commute times for residents.
- Enhanced user experience and increased student portal participation by 35% by contributing to creating Eastern Samar State University web portal.

Jun 2023 - Jul 2023

Backend Developer Intern

DOST – PSTO, Borongan, Eastern Samar, Philippines

- Increased efficiency of database query time by 5% of SQL queries and streamlined data transport processes.
- Enhanced application performance by 15% through optimizing backend code and implementing efficient algorithms.

Education

Aug 2020 – May 2024

Bachelor of Science: Computer Engineering

Eastern Samar State University - Borongan, Eastern Samar, Philippines

Certifications

Aug 2023

1st runner up in HACKFORGOV: Capture-The-Flag Competition 2023 in Eastern Visayas State University, Tacloban.

Aug 2023

Participated in the 8-hour CERT Security Essentials Training of the Department of Information and Communications Technology (DICT).

Dec 2023

Participated on 5th Institute of Computer Engineers of the Philippines Regional Convention and 2023 CpE Challenge