

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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LinkedIn

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WWW

<https://tristanehrontumbaga.xyz/>

Skills

Programming Languages

JavaScript (ES6), Java, Python

Libraries & Frameworks

React, Node.js, Next.js, RESTful APIs, JSON, jQuery, HTML5, CSS3, SASS, Oauth, NPM, WebSocket, Socket.io

Tools & Platforms

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

Methodologies

SDLC, Agile

Work History

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 40% of SQL queries and streamlined data transport processes.
- Enhanced application performance by 80% 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