

# Soc Virnyl S. Estela

## Self-Taught Software Developer & Technical Content Developer

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### Education

#### Self-taught

2020 - present

Programmer/Software Developer/Open Source Contributor

- Actively self-learning in learning platforms and communities, mainly at [Boot.dev](#) and Udemy to refresh fundamentals and improve knowledge in backend development and career growth.
- Learned Node, SQL with SQLite, ExpressJS, Deno, Oak and Hono for backend development tutorials at TRIBE's *StackUp*. Example works are [the Deno learning modules](#), and [a basic authentication and authorisation with ExpressJS tutorial](#).
- Learned Solidity, Javascript, Typescript, React, Node, and Vercel at TRIBE's *StackUp*, for writing tutorials and campaigns such as a [prototype for a forum or microblogging web application](#) using blockchain to store posts and comments, and a [state management with Redux in React tutorial](#).
- Learned Rust programming language for systems programming and CLI development. Key personal projects are [OBS Service Cargo](#) and [Roast](#). Also contributed to TRIBE's *StackUp Rust Pathway*.
- Learned Julia programming language for data analyses. Also contributed to an open source Julia package, key contributions are [PR #2339 in Documenter.jl](#) and [PR #1880 in Documenter.jl](#), specifically, for adding [Woodpecker CI](#) support.
- Learned Python programming from [Hyperskill](#), also known as JetBrains Academy, during its beta period. See [Hyperskill profile](#) for reference. Completed 16 projects during beta.

#### Mindanao State University - Iligan Institute of Technology, Philippines

2018 - 2022

Bachelor of Science in Biology, Major in Microbiology

GPA 1.593

Academic Distinction: Cum Laude

#### DOST Philippine Science High School - Central Mindanao Campus, Philippines

May 2012 - May 2018

Scholarship Grantee

### Technical Skills

**Programming Languages:** Bash (for shell scripting and automation), Python, Rust, Typescript/Javascript (for web development with NodeJS and Deno), Julia (for data analyses), HTML/CSS, Typst (similar to LaTeX; used for writing personal documents such as this CV)

**Web Development:** NodeJS, Deno, Yarn, React, Redux Toolkit, Preact, Hono, Oak, ExpressJS, ViteJS, NextJS

**Tools:** Git, Github, Github Actions, Woodpecker CI, Trello, VSCode, Vim/Neovim, Kakoune (main code editor), Linux package managers (Zypper, Pacman, DNF, Apt), Distrobox (CLI frontend for podman and docker), Linux (Ubuntu, openSUSE, Fedora)

### Professional and Work Experience

#### TRIBE | 📍 Singapore | Remote

Mar 2024 - June 2025

Technical Content Developer/Technical Writer

- Written and presented tutorial content for different software and tools such as React, Deno, NodeJS, Hono, Typescript, Javascript, HTML, CSS, Go and Rust. Example works are [Rust Pathway](#) (a series of Rust tutorials and campaigns), and [Fuel Up Your API Development with Hono and Deno](#) (a introductory tutorial for backend development and authentication using Hono and Deno). Around 300+ developers participated in each part of the campaigns and tutorials, increasing community engagement.
- Created coding challenges and hackathons that encourage participation at StackUp, empowering new and young developers to test their skills and knowledge. Notable works are [Begin Your Zero-Knowledge Journey with zkPass](#) and [Monthly Coding Challenges](#) such as [2024 August](#), [2024 December](#), [2025 February](#), and [2025 March](#) encouraging hundreds of developers to participate and collaborate.

#### Misamis University | 📍 Philippines | On-site

Jul 2022 - Mar 2024

Science Instructor

### Open Source, Personal Projects and Volunteer Experience

#### 🐧 openSUSE

2021 - present

Member and Volunteer Packager

Packager for various openSUSE packages for Zig, Juliaup, Wezterm, Zola, Zellij, Helix and 20+ more packages using RPM specfile format with the help and mentorship of [William Brown](#) from SUSE.

#### 🔧 OBS Service Cargo

2022 - present

Core Developer/Maintainer

Automation tool written in Rust to efficiently package dependencies for Rust software. Includes reliable tests to ensure consistent creation of tar archives of vendored dependencies. It uses [Roast](#) as the tar archiver logic. It is **100% the recommended tool on <https://build.opensuse.org> and by other packagers to automate packaging of Rust software** in openSUSE.

#### 🔥 Roast

2024 - present

Core Developer/Maintainer

Tar utility with high compression. Includes reliable tests to ensure consistent behaviour such as deterministic creation of tar archives. It is used internally for [OBS Service Cargo](#) for the generation of vendored tarballs.

#### 🌐 Waycrate

2022 - present

Organization Admin/Member

Member of the Waycrate organization, a small community of open-source enthusiasts and contributors. Organization has participated in GSoC 2024 and GSoC 2025 as a mentor organization.