

Genio Brylle C. Viernes

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github.com/hi-brylle

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EXPERIENCE

DOST - ASTI: Gul.AI Project (4 years, Aug 2020 - present)

- **Full-stack Node Developer:** Implemented an embedded GUI application with real-time features using server-sent events written in SvelteKit
 - **Android Developer:** Implemented an Android application as front-end to a hydroponics system connected to a REST API backend and an embedded GUI application with real-time features
 - **Node Library Developer:** Implemented an open-source library for connecting a Raspberry Pi to Wi-Fi in Node.js
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FRAMEWORKS

Svelte & SvelteKit

RESTful APIs, Websockets, Server-sent Events

Android

MVVM, MVI, SQLDelight, Jetpack Compose, Hilt

Embedded & Embedded GUI

SerialPort (Node.js), pySerial and Kivy (Python), TotalCross (Java)

PROGRAMMING LANGUAGES

TypeScript, Kotlin, Java, Python

EDUCATION

University of the Philippines Diliman

MS Computer Science (Feb 2023 - present)

University of the Philippines Diliman

BS Civil Engineering (graduated 2020)