

Jeffrey Bernadas

Software Engineer

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Profile

I am a self-taught and extremely motivated developer who aims to constantly enhance my skills and grow professionally whilst contributing to the growth of the organization I am part of in the long run.

Education

Surigao del Norte State University

BS in Computer Engineering

2018 - 2022

- RA 7687 DOST-SEI Scholar
- Dean's List - 3rd Year

Relevant Subjects

- Object Oriented Programming (Java)
- Data Structures and Algorithms (Java)
- Software Design (Java Swing)

Skills

Programming Languages & Frameworks

- HTML, CSS/ SASS
- Javascript (ES6)
- Typescript
- Java
- React.js

Platform and Development Tools

- Node.js, Express.js
- Github, Git
- Postman
- Netlify, Heroku

Databases

- MySQL, Sequelize ORM
- MongoDB, Mongoose

Others

- Arduino
- Raspberry Pi
- Embedded C & Python

Relevant Experience

Full Stack Developer

Freelance

2021 - Present

- Develop web applications and systems for individuals and students.
- Ensure web applications to be functional and compatible with different screen sizes.

Work Immersion

2nd District Engineering Office, DPWH Surigao del Norte

Oct. - Dec. 2017

- Installation of Operating Systems and disk cloning of new computers.
- Cable networking from office to office.

Projects

Vacay

A web app for hosting rooms within CARAGA Region for free which comes with map pinning support, listing dashboard, reservations, and many more.

React.js, Redux, Mantine, Mapbox, Node.js, Express.js, JWT, Sequelize, MySQL

<https://vacaycaraga.netlify.app/>

JBShort

An online URL Shortener with customizable short URL.

React.js, Styled Components, Frammer, Node.js, Express.js, MongoDB

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

Tsismis

A real-time chat app with group chat functionalities, real-time notifications, and theming.

React.js, Styled Components, Socket.IO, Node.js, Express.js, JWT, MongoDB

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

Spotify Viewer

A web app for showing personal Spotify data such as playlists, top artists, and top tracks. View artist's data together with their singles and albums. See a detailed information of each tracks and a preview of it.

React.js, Styled Components, Spotify API, Node.js, Express.js

<https://spotify-api-profile-app.herokuapp.com/>

Undergraduate Thesis

Titled "Automated Attendance System using RFID, Face Recognition, and SMS", is a system that verifies faces and scan RFID tags to create an attendance of a student, view their attendance record in a web application, and send SMS to their parents thereafter. Developed with Raspberry Pi 4B and a HOG algorithm-based Face Recognition.

React.js, Redux, Mantine, Node.js, Express.js, JWT, Sequelize MySQL, Raspberry Pi, Python

<https://www.jeffreybernadas.tech/thesis>