

# 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 types of devices.

### Work Immersion

2nd District Engineering Office, DPWH Surigao del Norte

Oct. - Dec. 2017

- Installed Operating Systems and disk cloning to 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, Framer, 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>