

# Esar N. Behlum

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**Professional Summary:** Full stack web developer seeking an entry level position, bringing skill sets in backend tech such as JavaScript, Express APIs in NodeJS, as well as creating frontend applications utilizing ReactJS, MUI & Ant Design for an enjoyable and clean interactive experience.

## Technical Skills:

- HTML / CSS / JS
- JQuery / ExpressJS
- ReactJS - MERN Stack
- VPS / Heroku / AWS S3
- SQL / Mongo
- Apache / Nginx

## Education/Academic:

B.S. Geographic Information Science      *The Ohio State University*      August 2015 to 2020

Full Stack Flex Web Dev Bootcamp      *University of California, Berkeley*      May to August 2019

## Work History:

Teaching Assistant for *Trilogy Education Services* under The Ohio State University from January to July 8, 2021. Covering Full Stack Flex Web Development for a class of 60+ students, reviewing homework, grading projects, moderation of breakouts, answering questions & reviewing core JS concepts in extra help hours.

## Projects

- [VENVI \[Repo\]](#): Utilized AWS S3, PassportJS, and Express to serve accounts & pictures for the decoupled MERN stack Car Reviews app. Frontend design consisting of Material UI & Ant Design.
- [Plan-It \[Repo\]](#): Ran AJAX calls on BART Trains, Weather, and Yelp API to display user search results, alongside Firebase Auth & Realtime DB to store personalized notes.
- [Savant \[Repo\]](#): Developed a livestream classroom interface using YouTube API and Google Calendar to serve and save future videos or livestreams, AWS S3 and Firebase for profiles, MySQL to organize personalized favorites list.
- [Biogeography final project](#) utilizes ReactJS & Google Fonts to display an e-text conversion for the first 24 chapters of a journal written by Mr. Peter Kalm, additionally adding Google's Tour Builder to plot the path of John Bartram's travels.
- Deployed final projects to GitHub Pages, Heroku, and services like GCP & AWS EC2 instances with sites managed by Apache & Nginx, and databases being MySQL, MongoDB, and Redis.
- Created custom APIs utilizing local databases to deliver information through ExpressJS that can be utilized by many separate applications and can also serve webpages.
- Managing personal website utilizing ReactJS with Redux, Ant Design, and ThreeJS for 3D virtualization, eventually incorporating Bcrypt, and WebSocket for chat environments.
- Scripted several JavaScript programs to connect to public APIs (Discord, Twitch, YouTube, Medal-TV) to provide live-video state changes to messaging platforms using Webhooks, and chat bot commands.
- Modeled a clone of a buggy plumbing company's website from the 1990s into a modernized, working webpage using Bootstrap UI elements and CSS design.
- Experimenting with Docker-Compose to spin up ReactJS, NodeJS, and Webserver instances

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