

Esar N. Behlum

Email: esarnb@gmail.com

Pickerington, Ohio

Phone: 614-218-7736

Professional Summary: Full stack web developer seeking an entry level position, bringing skillsets 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	<i>The Ohio State University</i>	Aug 2015 - Aug 2020
Full Stack Flex Web Dev Bootcamp	<i>University of California, Berkeley</i>	May 2019 - Aug 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 JavaScript programs connecting to public APIs (Discord, Twitch, YouTube, Medal-TV) providing video state updates to client messengers using Webhooks & 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.
- Built Python scripts to automate Raster Image analysis in GIS applications like ArcGIS & QGIS
- Learning basics of Java & Golang for backend development; testing GraphQL APIs for NodeJS.
- Experimenting with Docker-Compose to spin up ReactJS, NodeJS, and Webserver instances

GitHub: github.com/esarnb LinkedIn: linkedin.com/in/esarnb/ Portfolio: esarnb.github.io/portfolio/