

Software Engineer

Technically sophisticated and performance-driven professional with diversified expertise in leading software engineering/product development, program administration, and change management. Experience in driving front-end web application projects utilizing Angular and React frameworks, as well as back-end web application projects via NodeJS and Express for creating back-end API's and server endpoints. Proven expertise in collaborating with software engineering teams and creating large-scale distributed software solutions for mission-critical systems with keen focus on maintaining high levels of quality. Excel at implementing Agile methodologies, creating/providing new software products, and liaising with product management teams to develop product roadmaps and backlogs. Adept at evaluating user requirements and developing software according to assessed needs, as well as developing software verification plans and QA procedures. Exceptional communication, leadership, and problem-solving skills.

Technical Skills

HTML & CSS, Git, JavaScript, Angular, React, NodeJS, Express.js, Django.

Career Experience

Cognizant, Auburn Hills
Programming Analyst

2021 – 2022

Performed multitasking operations, such as maintaining set of applications, offering technical support on support applications, communicating with vendors as incidents occurred, and implementing code changes as needed.

- Delivered quality support to stuck coworkers in overcoming roadblocks on assigned tasks.
- Improved customer satisfaction with products by fixing bugs in company web application.
- Enabled users to see images needed to repair by executing significant UI changes to web application image component.

CSI, Inc, Valparaiso
Software Engineer I

2022 – 2023

Developed and updated application modules under supervision of Senior Software Developers. Coded software changes and alterations based on specific design specifications.

- Assisted with Angular re-write on company's POD+ application.
- Facilitated projects by utilizing crucial design software skills.

Key Projects

Interactive Form

<https://zacharybaca.github.io/Interactive-Form/>

- Created simple form in Vanilla JavaScript with custom form validation.

Data Pagination

<https://zacharybaca.github.io/data-pagination/>

- Developed project using Vanilla JavaScript to display specific number of student cards, as well as pagination buttons on bottom for user to click and navigate to different pages of students.

Phrase Hunter Game

<https://zacharybaca.github.io/oop-game/>

- Generated generic and mini versions of "Wheel of Fortune" game by using Vanilla JavaScript.
- Displayed board of empty squares as user clicks on "Start Game"; if letter not appear in phrase, user loses life in game.

Quote Generator

<https://zacharybaca.github.io/quote-generator/>

- Established simple quote generator in Vanilla JavaScript.
- Enabled users to generate random quotes by just clicking "Show Another Quote" button.

Education & Credentials

Fullstack Web Development Certificate - Kenzie Academy Indianapolis, 2020 — 2021