







ZACHARY BACA

SOFTWARE ENGINEER

CONTACT INFO

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EDUCATION

Full Stack Web Development
Certification
V School Program
10/2024
JavaScript (ES6), React.js,
Express.js, Node.js, HTML5,
CSS3, MongoDB, Bcrypt

Software Engineering
Certification
Kenzie Academy
10/2021
JavaScript (ES6), React.js,
Express.js, Node.js, HTML5,
CSS3, Python, Django, Bcrypt

Fullstack JavaScript Developer
Certification
TreeHouse
10/2023
Javascript (ES6), React.js,
Express.js, Node.js, HTML5, CSS3

SKILLS

Web Development Frameworks

Angular
React.js

Backend Technologies

Express.js
Node.js
BcryptJS
Django

Database Technologies

MongoDB
SQL

Programming Languages

JavaScript (ES6)
Python

Frontend Technologies

HTML5
CSS3

CAREER OBJECTIVE

Innovative, analytical, and resourceful Certified Software Engineer, with proven wins managing full project lifecycles from inception to deployment, ensuring high-quality, secure, and reliable software solutions. Recognized for meticulous attention to detail, project success, strong communication skills, a collaborative approach to problem-solving, adhering to coding standards, and creating responsive and user-centric designs.

WORK EXPERIENCE

Web Developer

Freelance

01/2024 - current

- Developed NoSQL MongoDB schema with Mongoose, enhancing real-time updates for profiles, messages, and reactions, boosting user engagement by 30%.
- Implemented a responsive UI using CSS media queries, achieving a 99.9% consistency rate in user experience across various devices.

Software Engineer I

CSI, Inc

11/2022 - 04/2023

- Revamped legacy codebase to modern Angular, enhancing company's proof of deposit app performance by 20%.
- Collaborated in designing the UI for an internal task management web app with Angular, enhancing accessibility for 500+ users.
- Eradicated 100+ web application bugs, increasing customer satisfaction by 30%.
- Implemented critical UI updates to web app's image component, facilitating a 35% faster repair process through improved image access.

Programming Analyst

Cognizant

12/2021 - 05/2022

- Implemented effective support strategies, reducing task completion times by 20% for stationery department coworkers.
- Achieved a 98% customer satisfaction rate by resolving over 150 dashboard incidents per month through guided knowledgebase research.

PROJECTS

Interactive Form With Validation Cues

01/2022 - 01/2023

- Developed a user-centric form providing instant feedback, slashing user errors by 30%.
- Developed comprehensive form validation using Vanilla JavaScript, reducing error rates by 25%.

Issue Insight - Bug Tracking System for Software Engineers

09/2024 - current

- Developed a full-stack web application to streamline software development tasks, enhancing productivity by 30% by facilitating task creation, assignment, and updates.
- Launched a real-time support chat feature, enhancing productivity across teams by 40%.

School Course Catalog Web Application

January 2023 - December 2023

- Revamped course management by integrating advanced CRUD operations with JWT authentication, enhancing user security by 40%.
- Implemented a Sequelize and KnexJS database solution enabling course viewing, safeguarding against unauthorized edits, boosting platform integrity.

- Developed and implemented a secure, scalable web application, enhancing user authentication and data integrity using JavaScript, React.js, and Express.js.

Meme Generator

January 2024 - July 2024

- Integrated a third-party API to fetch random meme images, enhancing app engagement by 40%.
- Developed an innovative feature for meme customization, allowing text input on both top and bottom, resulting in a 40% increase in user engagement.
- Developed and launched a ReactJS feature, enabling users to create, edit, and save memes, leading to a 40% increase in user engagement.