

Robert Kugler

Full Stack Developer

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PROFESSIONAL EXPERIENCE

Head of Development, CheddrSuite

Apr 2023 – present

San Luis Obispo,
United States

- Led a development team in executing significant enhancements to the platform, significantly improving functionality and user engagement.
- Initiated and managed a marketing initiative, overseeing sending thousands of emails, significantly increasing brand visibility and user engagement.
- Spearheaded the creation of a marketplace for vendors, boosting their visibility and marketing opportunities and enhancing the platform's value proposition.

Full-Stack Software Engineer, CheddrSuite

Dec 2022 – Apr 2023

San Luis Obispo, CA,
United States

- Initiated comprehensive redesign of the primary application to enhance user experience and functionality, resulting in a notable increase in conversion rate.
- Established new standards to elevate code quality and increase its readability to facilitate future software engineering professionals comprehending and sustaining the codebase.
- Revamped billing system by transitioning from Payeezy to Stripe, improving functionality and enabling additional features. Gathered requirements, designed system architecture, and implemented code changes. Conducted thorough testing and troubleshooting for a seamless transition and enhanced scalability.

PROJECTS

Twitter Clone, React.js, Express.js, MongoDB, Socket.IO

- Developed a workflow to register and authenticate a new user using passport.js, display the home page of the site, and get the list of all the tweets in a stack (LIFO).
- Designed an interface to get user profile data from MongoDB and view user profile pages where users can add, comment, like, and delete tweets.
- Incorporated Socket.IO to devise an algorithm that allows users to seamlessly send messages to one another.

Corkify, React Native, Expo, Firebase, Stripe API

- Built an eCommerce app in React Native that has the potential to help the wine industry reduce inventory and boost sales by up to 20%.
- Formulated a new user registration and authentication process using Node.js, Express.js, and passport-local-mongoose.
- Implemented with Firestore (NoSQL database) in conjunction with Stripe API creating a satisfying self-checkout system that focused on both user interface(UI) and user experience(UX).

Tic Tac Toe Online, React, Socket.IO

- Initiated socket connection with the client-side to enable real-time communication between the client and server and made a 2 max players lobby system where players can either create a lobby or join a lobby.
- Incorporated a winning condition logic where the first player matches row, column, diagonal, and anti-diagonal patterns.

Discoverify, React

- Analyzed and extracted playlist data from Spotify API and displayed the approximate amount of storage needed to save all the songs as mp3 files.

EDUCATION

Computer Science, *El Camino College*

Torrance, CA

Learned object-oriented programming necessary to read, write, and correct complex computer programs and make important design decisions. Topics included lists, stacks, queues, trees, searching, sorting, modeling, and algorithm analysis.

SKILLS

Languages

JavaScript, TypeScript, HTML, CSS, SQL, C++, Java, Python

Frameworks

Angular, React.js, Next.js, React Native, Expo, Node.js, Express.js, Socket.IO

Databases

MySQL, Postgres, MongoDB, Firebase, Redis

Architecture

Monolithic, Microservices, Serverless, Rest API, GraphQL,

UI

TailwindCSS, DaisyUI, Bootstrap, Chakra UI, Styled Components

Tools

Git, Linux, Apache, Postman

LANGUAGES

- English
- Filipino

COURSES

Web Developer Bootcamp (MOOC)

- Learned how to use React custom markup language, JSX, to clean up JavaScript code.
- Mastered the process of breaking down a complex component into many smaller, interchangeable components.
- Grasped the difference between "props" and "state" and when to use each.
- Rendered interactive, media-rich components in beautifully styled apps.
- Developed apps that are unique, fun, and responsive.
- Mastered integration with Firebase for user authentication.
- Learned the core principles of navigation with React Router.