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Emrah Fajkovic

SUMMARY

Bringing more than 8 years of experience leading website design projects, including gathering user requirements, producing code, creating mockups and enhancing designs.

As a versatile and experienced software developer, I possess a wide range of technical skills that enable me to tackle diverse challenges in web and blockchain development.

My proficiency in languages such as HTML5/CSS, JavaScript, TypeScript, C/C++, Golang, Java, and Python allows me to adapt to different project requirements and coding environments.

I am also well-versed in a variety of web frameworks and libraries, including React.js/Redux, React Native, Angular.js, Vue.js, Next.js, Laravel, Django, Electron, GraphQL, Express.js, Passport.js, and Strapi.

Additionally, I have a keen interest in blockchain technology and experienced NFT dApp, NFT Marketplace, P2E Game, Defi, Metaverse development working with Solidity, Cadence, Web3, Ether.js, and Cosmos SDK.

My expertise in database technologies, including PostgreSQL, MySQL, MongoDB, MS SQL, Maria DB, SQLite, and Redis, helps me build robust and scalable applications.

I have used several project management tools, such as Jira, Asana, Shortcut, Clubhouse, Trello, and Monday, to organize and streamline development workflows.

I also have extensive experience with code management platforms like Github, Gitlab, and Bitbucket, as well as cloud computing platforms like AWS, Azure, and Firebase.

Finally, I prioritize test-driven development and have proficiency in testing frameworks such as Jest, MochaJS, and Cucumber.

Logical and results-driven Senior Web Developer dedicated to building and optimizing user-focused websites for customers with various business objectives.

Technically proficient Senior Engineer committed to maintaining cutting edge technical skills and up-to-date industry knowledge.

SKILLS

Languages: HTML5/CSS, JavaScript, TypeScript, Php, C/C++/C#, Golang, Java, Python

Web Frameworks & Libraries: React.js/Redux, React Native, Angular.js, Laravel, Shopify, Vue.js, Next.js, Electron, GraphQL, Express.js, Passport.js, Strapi

Blockchain: Solidity, Cadence, Web3, Ether.js, Cosmos SDK

Database: PostgreSQL, MySQL, MongoDB, MS SQL, Maria DB, SQLite, Redis

Project Management: Azure, Jira, Asana, Shortcut, Clubhouse, Trello, Monday

Code Management: Github, Gitlab, Bitbucket

Cloud Experience: AWS, Azure, Firebase, Google Cloud

Test: Jest, MochaJS, TDD, Cucumber

Full Stack Blockchain Developer

Causeverse – San Francisco, CA, USA (Aug 2022 – Feb 2024)

https://causeverse.io

Causeverse's primary goal was to help non-profits increase their positive impact on the world. To accomplish this, we focused on guiding them into the Web3.0 era and extending their reach to a larger audience than ever before.

By harnessing the power of immersive technology, we conducted that non-profits could foster more inclusive and equitable communities, inspire action on a greater scale, and ultimately achieve substantial results.

· Consolidated the *Croquet Microverse* libraries with the *Beamable* infrastructure.
· Developed various 3D VR rooms, including eCommerce rooms, streaming rooms, music studios, chat rooms, donation tour rooms, auction rooms, and restaurant ordering rooms.
· Implemented the Causeverse admin dashboard using *8base* to create comprehensive applications, manage data efficiently, and design scalable digital products.
· Developed a 3D product component utilizing *QReal, SketchFab, Vntana*, and *Reydar*.
· Integrated streaming components using *ResiVideo*, *Mux*, *Zoom SDK*, and *Engage*.
· Implemented donation and tipping features with *Stripe*, *Shift4*, *PayPal*, and *Pushpay*.
· Developed various chat rooms using *Discord SDK*, *Infobip*, and *Webex*, and implemented screen sharing via *Hyperbeam* and *Syncstage*.
· Integrated payment and donation functionalities via cryptocurrency using *Beamable* microservices.

Senior Full Stack Developer

RotationsPlus – Los Angeles, CA, USA (Aug 2019 – July 2022)

https://rotationsplus.com

· Developed high performance customer facing web application using ReactJS, Redux-saga, React Hooks, React-Router, JavaScript, HTML5, CSS3 and SASS.
· Maintained high-level expertise in React state management strategies, including Redux, Redux Persist and redux-saga.
· Developed custom API layer to handle all CRUD transactions, JWT token management and implemented interceptors to embed custom headers.
· Have worked on AWS to integrate the server-side and client-side code.
· Experienced with Docker container service and applications by creating Docker images from Docker.
· Involved in developing RESTful Web Services using Strapi frameworks.

Through my technical skills, attention to detail, and dedication to user experience, I was able to deliver a high-quality product that exceeded expectations and drove significant value for the company and its users.

Full Stack Developer

RoomRes – Sydney, Australia (May 2017 – Jun 2019)

https://room-res.com

Room-Res.com is a platform made exclusively for travel agents that helps you make hotel bookings comparing the best net rates and commissionable rates available.

· Resolved concurrency and performance issues in the booking service, ensuring seamless functionality for a large user base by optimizing the Golang microservice architecture.
· Integrated hotel and transfer providers such as *Agoda*, *Amadeus*, *HotelDo*, *Webbeds*, *HolidayTaxis*, *Dida*, *Hotelbeds*, *Rapid*, and *TeamAmerica* into the existing Golang backend, enhancing service availability.
· Developed a coupon generation system, enabling dynamic discount management and promotions.
· Implemented a multi-currency payment component, allowing seamless transactions across different currencies.
· Built key analytics and automation features, including *real-time statistics analysis*, *automatic report generation*, and an *email campaign* system, to enhance operational efficiency and business insights.
· Experienced with Docker container service and applications by creating Docker images from Docker.

EDUCATION

Bachelor's degree, Computer Science, 09/2016

Michigan Technological University