German Cruz

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Github | Blog | Linkedin

Full-Stack Software Engineer

Full Stack Software Engineer specializing in Ruby on Rails and Javascript framework and languages. Experience in-project development and team management in fast paced environments. Background Implementing RESTful APIs with user authentication while maintaining, creating and testing full stack web applications and websites.

TECHNICAL SKILLS

Web Development, Web Applications, Software Development, Object-Oriented Programming (OOP), ActiveRecord, Sinatra, Ruby, Ruby on Rails, JavaScript, ES6, React, React-Router, Redux, JSX, jQuery, AJAX, JSON, CLI, SQL, NoSQL, CSS, HTML, MVC, RESTful API, Node, Express, Full-stack Development, Front-end Development, Back-end Development, Version Control (Git/Github), PostgreSQL, SQLite, Test-Driven Development, Technical Writing, Debugging, Wireframing, UI, Responsive Design, Bootstrap, React-bootstrap, Tailwind CSS

TECHNICAL PROJECTS

Youtube Clone - Github Frontend | Github Backend | Live Demo | Video Demo
A SPA video platform that is a clone of Youtube.com.
- Built a full stack application with React, Redux and a Ruby on Rails API Backend.
- Implemented create-react-app, ES6 standard Javascript, and a PostgreSQL database with Active Record.
- Designed an MVC format that utilized ActiveRecord Model Associations and Action Controller with front end technologies.
- Authenticated user verification throughout application flow.
- Applied async executions with Redux Thunk Middleware to modify application state.
- Utilized react-router and proper RESTful routing to render proper components for the URL path.
- Managed CRUD operations for user engagement and activity.
- Encrypted user information in client-side and distinguish privacy information through verification processes.

Craigslist Clone - Github Frontend | Github Backend | Live Demo | Video Demo
A SPA that serves as a community forum for jobs, sales, services and more.
- Built a full stack application with HTML, CSS, Javascript and a Ruby on Rails API Backend.
- Followed Rails MVC and RESTful conventions that ensured proper coding tactics.
- Handled AJAX calls and implemented JSON as the communication format.
- Included ES6 standard Javascript and implemented Object Oriented Programming(OOP) to encapsulate related data and behavior.
- Designed an application with bootstrap that made it fast, easy and efficient for the UI/UX.
- Operated CRUD that sends requests to the backend if met with the right criteria.
- Utilized ActiveRecord, PostgreSQL, and bcrypt for user authentication and Ruby Faker gem to generate thousands of fake data.
- Fetch data with client Id, stored cookies and ensured user verification throughout application flow.

720 Behavioral Health - Github
A web application that serves the relationship between ABA behavioral therapists and people with autism.
- Built a Ruby on Rails web application that handled complex forms and RESTFul routes.
- Design an MVC Architecture that made it easier to debug and understand code.
- Provided user authentication with Omniauth Google.
- Created an admin management system to create client and Applied Behavior Analysis(ABA) therapist relationships to schedule service times.
- Utilized complex model associations with Active Record that service three types of users.

Instagram Clone - Github | Video Demo
A web application that manages user profiles, sharing photos and videos in correlation to Instagram.com.
- Built an MVC web application made in Ruby and Sinatra.
- Included a Content Management System that issued CRUD operations through user engagement.
- Utilized complex design with heavy bootstrap to mirror Instagram.com.
- Provided a user to user complex association that includes following and unfollowing users.

EXPERIENCE

California Psych Care   Bakersfield, CA
Behavioral Interventionist   01/2019 - 09/2020
- Specialized in instructional Applied Behavior Analysis(ABA) for clients with Autism.
- Provided case consultations in office, or on-side analysis to help improve behavioral instructions.
- Able to understand, manage and question supervised material in order to provide instruction the right way.

EDUCATION

Flatiron School   Van Buren, AR
Full Stack Web Development, Ruby on Rails and JavaScript program   02/2020 - 03/2021