

FULL STACK ENGINEER

Adrian Valenzuela

PROFILE

I am a **Full Stack Engineer**, **open-source contributor** and **Bridgetown core member** with experience designing, building, and deploying scalable web applications from the ground up. I specialize in **system architecture**, **feature development**, and **performance optimization**, ensuring seamless user experiences and maintainable codebases.

Currently I am:

- **Building a React CMS for Bridgetown**, enhancing content management for static site generators.
- **Developing a ViewComponent library for Rails**, streamlining UI development and reusability.
- **Maintaining a technical blog** at mugenruby.com, sharing insights on web development and open-source contributions.
- **Created CentralCoastClassifieds.com**, a regional online listing marketplace.
- **Building A Star Wars-themed recipe website**, built with React and a Rails API.

I thrive on solving complex technical challenges, contributing to open-source communities, and building products that make an impact

EXPERIENCE

FULL STACK ENGINEER, UPAUSA, REMOTE – 2024-PRESENT

Led development of a peer-to-peer rental marketplace, enabling seamless transactions between renters and sellers.

Integrated Stripe Connect, ensuring secure and compliant seller payouts, enhancing trust and financial transparency.

Developed a dynamic live chat system with real-time updates, email reminders, and read receipts, improving user engagement and communication.

Implemented location-based search using Google Places API and OpenSearch, optimizing search accuracy and improving user experience.

Built a calendar-style booking system, incorporating confirmation settings and a secure payment workflow, streamlining the rental process and boosting conversion rates.

FULL STACK ENGINEER, NJMLS, REMOTE – 2023-PRESENT

Developed an end-to-end online application process, streamlining membership onboarding for a real estate listing service. Enabled applicants to complete applications, make payments, receive automated status updates, and digitally sign documents—reducing manual processing time and increasing efficiency.

Enhanced administrative workflows by building a robust management interface for staff, allowing them to filter applications, update statuses, request additional payments and signatures, and generate event links for seamless communication.

Automated PDF generation and document workflows, integrating callbacks, API calls, and email notifications, ensuring timely processing and delivery of signed documents via email or the UI.

Implemented seamless digital signing via DocuSeal, including automated PDF pre-filling, signature request handling, and webhook-based status tracking—improving compliance and reducing paperwork.

Integrated Stripe Checkout for secure payments, dynamically generating custom line items, handling redirects, and automating payment confirmation processes, increasing revenue efficiency.

FULL STACK ENGINEER, FIRM STUDIO – MARCH 2023-JUNE 2023

Developed a custom questionnaire builder, enabling users to create and manage dynamic surveys with structured question organization, improving data collection and user engagement.

Translated Figma designs into a seamless user experience, ensuring the final implementation aligned with UI/UX specifications and business requirements.

Optimized frontend interactivity using Hotwire, leveraging Turbo Frames and Turbo Streams to deliver a fast, real-time user experience without excessive JavaScript.

Implemented dynamic UI behaviors with Stimulus JS, allowing users to easily add and remove question fields, navigate survey tabs, and interact with modals—enhancing usability and flexibility.

Designed and implemented a scalable data model from the ground up, ensuring efficient database relations and future extensibility for the questionnaire system.

FULL STACK ENGINEER, ARCHWAY RECRUITERS, REMOTE – FEBRUARY 2022-OCTOBER 2022

Led the successful onboarding of a subsidiary company onto the parent company's internal CRM, enabling recruiters to efficiently manage clients, post jobs, and email candidates.

Optimized database performance, reducing N+1 queries and decreasing database load, significantly improving system responsiveness.

Enhanced infrastructure and email communication by managing and configuring AWS S3 & SQS and migrating a legacy email system to ActionMailer and AWS SES, improving email reliability and scalability.

Developed mobile-friendly email templates, ensuring compatibility across major email clients and improving engagement rates.

Modernized the tech stack, aiding in the migration from Rails 4 to Rails 5.2, improving maintainability and security.

Optimized multi-tenancy support, enabling seamless integration of multiple subsidiaries into the CRM through schema-based separation.

Increased application stability by implementing unit and system tests using Spec, improving test coverage and reducing bugs in production.

Streamlined company operations, improving recruiter workflow efficiency and contributing to increased productivity and profitability.

FULL STACK ENGINEER, SADDLEBOOK INC., REMOTE – AUGUST 2022-OCTOBER 2022

Enhanced frontend functionality and user experience by implementing modern UI components using Hotwire, StimulusJS, and ViewComponent, making the application more dynamic and responsive.

Developed key interactive features such as **slide-over menus, inline editing, and automatic input search**, streamlining user workflows and improving usability.

Integrated TailwindCSS and ViewComponents to create a **consistent, modern, and accessible UI**, aligning with the company's branding and design principles.

Optimized form interactions with StimulusJS and Turbo Frames, enabling seamless inline updates without disrupting the user interface, improving performance and engagement.

Led UX improvements, designing **color palettes, typography, and form components** to establish a cohesive visual identity and intuitive user flow.

Translated mockups into production-ready code, ensuring pixel-perfect execution and enhancing the overall aesthetic and usability of the application.

SKILLS

- **Frontend Development:** HTML, CSS, JavaScript, ReactJS, StimulusJS
- **Backend Development:** Ruby, Python, PHP
- **Database & Query Optimization:** ActiveRecord, SQL, Redis, Relational Data Modeling
- **API Development & Integration:** REST, Webhooks, Stripe Connect, AWS S3/SES, Email Service Providers
- **Testing & Debugging:** Spec, MiniTest, Automated Testing, Error Monitoring & Debugging
- **Infrastructure & DevOps:** CLI, Git, AWS Services, ElasticSearch
- Strong **communication and listening skills**, ensuring alignment between technical implementation and user needs
- **Empathetic problem-solving**, prioritizing user experience in product development
- **Highly adaptable**, able to learn new technologies and pivot quickly in changing environments
- **Strong organizational and time management** skills, effectively balancing multiple projects and deadlines