

ALAN BIJU

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PROFILE

Highly skilled full stack Ruby on Rails software developer with experience in developing and maintaining efficient and scalable software applications for clients and internal use. Passionate about building responsive, intuitive and visually appealing user experiences and continually expanding my knowledge of emerging technologies. Seeking a challenging role in a fast-paced team environment where I can contribute my expertise, collaborate with others, and apply new technologies to develop innovative software solutions.

EXPERIENCE

Full Stack Software Engineer, Identity Square Ltd, May 2021 - Present

Full Stack Developer, Zedball

- Developed and implemented a robust match engine, serving as the backbone of the football matches in the backend, ensuring smooth and realistic gameplay experiences for users.
- Created an innovative player generation algorithm, enabling the generation of diverse and engaging football players for starter packs, enhancing the game's appeal to new users.
- Successfully implemented a comprehensive league structure within the game, creating a captivating and realistic gaming experience for players.
- Designed and built a highly efficient game scheduling algorithm, optimising the allocation of matches and ensuring an engaging gaming experience for players.
- Designed and developed an engaging and interactive UI for displaying fixtures, results, and live games with real-time updates that effectively presented the information, keeping users informed and immersed.
- Constructed an elo rating system for each team, providing an accurate measure of team performance and facilitating fair and competitive matchups.
- Actively reviewed and provided constructive feedback on fellow developers' pull requests, actively contributing to the improvement of code quality and ensuring adherence to best practices.

Lead Developer, CookieChimp • www.cookiechimp.com

- Designed and implemented all aspects of the user interface (UI) throughout the application, utilising Turbo and Turbo Streams to enable seamless and real-time updates, ensuring a visually appealing and intuitive user experience.
- Implemented subscriptions and the checkout flow using Stripe, enabling smooth and secure payment processing for users.
- Developed the API endpoint to retrieve and save all data from the consent widget to the database, facilitating data management and analysis.
- Successfully deployed the application to the Heroku and configured the necessary settings and dependencies to optimise performance and reliability.

Full Stack Developer, Dishy • www.getdishy.com

- Implemented the checkout flow using Stripe, enabling secure and seamless payment processing for users.
- Developed the backend infrastructure for creating, updating, and cancelling subscriptions, providing users with flexible and convenient subscription management options.

- Built the backend system for managing deliveries, ensuring efficient fulfilment of orders, leading to streamlined operations and enhanced customer experience.
- Conducted thorough testing and debugging to identify and resolve any issues or errors, ensuring a smooth and error-free checkout process, subscription management, and delivery operations.

Full Stack Developer, Ready Set Recover • www.readysetrecover.com

- Successfully implemented various areas of the user interface (UI) based on the client's design specifications, ensuring a visually appealing and user-friendly experience for end-users that reflected the client's brand identity.
- Developed a background service that efficiently sent reminders to users based on their preferred reminder time and time zone, improving user engagement and timely notifications. Implemented SMS reminders for users using Twilio, enhancing the communication channels and allowing users to receive important updates and reminders via text messages.
- Created comprehensive test cases for all models and methods, ensuring robust test coverage and validating the functionality and reliability of the software.
- Collaborated closely with the client to gather feedback, requirements, and design preferences. Actively engaged in constant iteration and incorporated changes based on valuable client feedback, continuously improving the software solution to align with client requirements and preferences and fostering a strong client relationship.

SKILLS

- Ruby on Rails: Experienced in developing various web applications using the Ruby on Rails framework for clients and internal use.
- Front-end Development: Strong knowledge of front-end technologies such as HTML, CSS, and JavaScript as well as frameworks such as Stimulus JS and Alpine JS enabling the creation of responsive, visually appealing and user-friendly interfaces.
- Problem-solving and Debugging: Strong problem-solving skills with the ability to debug and optimise code for performance, ensuring efficient and effective software solutions.
- Testing and Quality Assurance: Experience in testing frameworks such as RSpec and Minitest, ensuring high-quality and reliable code.
- Communication and Client Collaboration: Proven experience working with clients to understand their business requirements and translating them into technical solutions, ensuring client satisfaction.
- Version Control and Team Collaboration: Proficient in using Git for version control, including reviewing and providing feedback on pull requests and collaborating within fast-paced teams.
- Deployment: Proficient in deploying applications using Heroku, ensuring reliable and scalable deployment of software solutions.

EDUCATION

Maynooth University, Maynooth, Co. Kildare (2016 - 2020)
B.Sc. Computer Science and Software Engineering - 1st Class Honours

Coláiste Phádraig CBS, Roselawn, Lucan, Co. Dublin (2011 - 2016)
Leaving Certificate - Six higher level honours with 425 points