

Ryan Kayro

Software Developer

A collaborative team player with strong problem-solving skills and a dedication to delivering high-quality software solutions. Excited to leverage expertise in software development to contribute to impactful projects and drive digital transformation.

ryankayromain@outlook.com | (+55) 41 98872-1875 | Paraná, Brazil | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Skills

HTML, CSS, Sass, JavaScript, TypeScript, Node.js, React, Redux, NestJS, MongoDB, MySQL, GraphQL, NPM, Yarn, Git, GitHub, Express.js, AWS

Experience

Head of Backend - EngagED/Campli 2021 - present

Developed nearly all aspects of a serverless API's data structure, endpoints, and systems for a white-label, all-in-one education platform, which positively impacted hundreds of thousands of students. Core features implemented include:

- Class and course management with customizable questionnaires that provided better user progress assessment
 - Lightning-fast 1:1 course copying that completed in under a minute, even on worst case scenarios
 - Enrollment denormalization with AWS SQS that assured instant data synchronization
 - Amazon-like policy implementation that granted better admin operation control
 - Certificate with configurable and automated generation
 - Certificate template builder that allowed for fully personalized templates
 - Report imports, and data exports for quick document insertion
 - KYC automation
 - Payment gateway
 - Internal payment implementations, that included payment link, subscription, and checkout
 - Integrations, such as Meta Pixel and GTM.
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Projects

[ForumPlayers](#) 2021 - A gaming community-driven platform enabling moderated discussions and content sharing. Features authentication, validation, search, moderation system, private messages, notification, like/dislike and BB Code.

- HTML, CSS, JavaScript, React, Redux, AJAX, NPM, Node.js, Express.js, MongoDB, Mongoose

[TickTech Blog](#) 2021 - A no-delay tech news website. Full-fledged blog developed from scratch with server-side rendering using the MVC framework.

- HTML, CSS, JavaScript, EJS, NPM, Node.js, Express.js, MySQL