

RIOS MATIAS

SOFTWARE ENGINEER



4+ years of experience delivering impactful solutions across industries like e-commerce, healthcare, and logistics. Highlights include leading the transition of a mobile app from beta to production and implementing a key integration that boosted subscriptions and revenue. Skilled in backend development, strategic planning, and cross-functional collaboration. Passionate about driving business growth through scalable, reliable systems while fostering a collaborative and positive team environment.

Areas of knowledge

- Backend development: extensive experience in backend technologies, with a strong focus on implementing SOLID principles and object-oriented programming. Proven expertise in optimizing SQL queries, implementing caching solutions, and enhancing system performance. Proficient in monitoring tools.
- Frontend & mobile development: proficiency in creating seamless user experiences for web and hybrid mobile platforms.
- Testing & CI/CD: expertise in Test-Driven Development (TDD), ensuring high-quality code, and implementing efficient CI/CD pipelines for smooth deployments.
- API integrations: deep experience in designing and integrating APIs, enabling seamless communication between systems and ensuring efficient data exchange across diverse platforms.
- Database management: advanced knowledge in optimizing and managing relational and NoSQL databases to ensure performance and scalability.
- Cloud & DevOps: experience in building and deploying cloud-based solutions with a focus on reliability and monitoring.
- Cross-functional collaboration: adept at working closely with product managers, marketing teams, and developers to align technical solutions with business objectives and improve market positioning.
- Project & team leadership: experience leading small teams, mentoring, and participating in recruitment. Proficient in agile methodologies and delivering tailored solutions in fast-paced environments.

Tech Stack

- Languages: JavaScript, TypeScript, Ruby, Python
- Backend: Node.js, Express, NestJS, Ruby on Rails, RSpec, Mocha, Prisma, Strapi, Sidekiq, Laravel
- Frontend/Mobile: Quasar, Vue, React Native, Next.js
- Databases: PostgreSQL, MySQL, Redis
- DevOps: AWS, GitHub Actions, Docker
- Other tools: Braze, Firebase, Cloudinary, WooCommerce, Wordpress

Professional experience

Lead Software Engineer | Kalkomey (contract via RazorTech) | Feb 23 - Dec 24

Lead Backend Engineer at HuntWise, a hunting app. Promoted for effective leadership and technical contributions. Collaborated cross-functionally with various teams to enhance HuntWise's product and market positioning.

- Established a comprehensive test suite from scratch to provide clear guidelines for writing tests and set up a robust set of tools to handle common testing scenarios, significantly improving code reliability and maintainability.
- Led backend development for HuntWise in API and CMS, ensuring smooth operations and platform scalability, collaborating with product, marketing, mobile, and web teams to deliver new features and improve overall performance.
- Designed and implemented solutions to seamlessly integrate Kalkomey's internal systems, improving API performance and enabling more efficient subscription and revenue workflows.
- Introduced a standardized architecture to replace the previous monolithic controller approach, enhancing code organization, scalability, and maintainability for the API.
- Actively involved in release planning and code reviews, maintaining high standards of code quality.

Software Engineer | RazorTech | June 21 - August 22

Contributed to backend development for various clients, including Cargill. Played a pivotal role in driving successful project deliveries and enhancing services offered internationally.

- Developed and deployed new features, consistently meeting sprint deadlines.
- Identified bottlenecks and implemented test-driven solutions to address bugs and optimize system performance.
- Communicated with third-party APIs to synchronize data and streamline processes.
- Maintained code quality, adhering to industry best practices and improving team efficiency through peer reviews.
- Collaborated closely with the team to ensure seamless project execution and client satisfaction.

Nuglea | Full Stack Developer | June 21 - August 22

Led the development and transition of a B2C mobile app from beta to production for both Apple and Google platforms. Contributed to the platform's architecture and design, focusing on user experience and scalability.

- Led mobile app development ensuring seamless integration across platforms.
- Transitioned the app from beta to full production, successfully launching it on both Apple App Store and Google Play Store.
- Collaborated with the team to enhance user experience (UX/UI) and resolve system-wide performance issues.
- Worked closely with stakeholders to meet tight deadlines in a fast-paced startup environment, demonstrating adaptability and problem-solving skills.
- Implemented back-end features, optimizing database queries and improving app performance.

Geome7ric | Co-Founder | February 20 - Present

Guiding discoveries and development in a bespoke software development venture.

- Specialized in custom applications using modern frameworks.
- Led project management, client relations, and development of tailored solutions for diverse industries.
- Managed end-to-end product lifecycles, from conceptualization to delivery, ensuring alignment with client goals.
- Focused on providing scalable, modern software for web and mobile platforms.

Profertil S.A. | Sys Admin | December 20 - May 21

Administered critical systems and provided IT support for Profertil's infrastructure, ensuring high availability and security of servers and networks. Developed automation scripts and implemented backup policies to enhance system efficiency.

- Supported Aspen Technology tools, ensuring smooth operations across various systems.
- Managed and administered Windows servers, including implementing and optimizing backup policies.
- Created and modified scripts to automate routine tasks, increasing efficiency.
- Administered SQL databases, managed data backups, and maintained internal websites to ensure seamless workflow.
- Documented procedures, created user manuals, and updated equipment inventories to maintain operational transparency and compliance.

Languages

- English, advanced, professional working proficiency.
- Spanish, native.

Education

Computer Engineer - Universidad Nacional del Sur, 2021. Buenos Aires, Argentina