RIOS MATIAS
SOFTWARE ENGINEER

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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 at a startup and implementing a key integration that boosted subscriptions and revenue at a consolidated company. Skilled in backend, strategic planning, and cross-functional collaboration. Committed to delivering high-quality, results-driven systems that foster business growth while maintaining 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. **JavaScript, TypeScript, Ruby, Python, Node.js, Express, NestJS, Ruby on Rails, Strapi, Sidekiq, Laravel.**
- Testing & CI/CD: expertise in Test-Driven Development (TDD), ensuring high-quality code, and implementing efficient CI/CD pipelines for smooth deployments. **RSpec, Mocha, GitHub Actions.**
- 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. **Prisma, PostgreSQL, MySQL, Redis.**
- Cloud & DevOps: experience in building and deploying cloud-based solutions with a focus on reliability and monitoring. **AWS, GitHub Actions, Docker.**
- 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.
- Frontend & mobile development: proficiency in creating seamless user experiences for web and hybrid mobile platforms. **JavaScript, TypeScript, Quasar, Vue, React Native, Next.js.**

Professional experience

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.
- 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.
- Maintenance of AWS Services based solutions including Lambda, API Gateway, S3, Route 53
- Led development in API and CMS, ensuring smooth operations and platform scalability, collaborating with diverse 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 | Sept 22 - Feb 23

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.

Full Stack Developer | Nuqlea | 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; implemented back-end features.
- 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.

Co-Founder | Geome7ric | 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.

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

Administered Profertil's IT infrastructure, ensuring server and network availability, security, and efficiency. Developed automation scripts, optimized Windows servers and SQL databases, and maintained internal websites. Documented procedures, created user manuals, and managed equipment inventories for operational transparency.

Languages

- English, upper intermediate, professional working proficiency.
- Spanish, native.

Education

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