Federico
Head AI Engineer – Driving Innovation and AI Solutions
Uruguay

AI Engineer with over 5 years of experience pioneering transformative solutions in SaaS and legal tech, enhancing efficiency by 70% and reducing research time from days to minutes. Specializes in AI strategy,

SKILLS

Skills: AI Strategy • Team Leadership • Decision Making • Problem Solving • Cross-Functional Collaboration • UI Design • React • React Native • Node.js • LangChain • Python • Next.js • Typescript • GraphQL • Full-Stack Development

Languages: English (Fluent); Spanish (Native)

PROFESSIONAL EXPERIENCE

Aurora Ideas — Uruguay   Jan 2024 – Present
Head AI Engineer
- Lead AI initiatives to drive technological advancements and foster a culture of innovation within the organization, increasing AI-driven product adoption by 30%.
- Spearheaded the development of cutting-edge AI solutions, enhancing product capabilities and expanding market reach, reducing time-to-market for AI features by 20%.
- Collaborated with cross-functional teams to define AI strategy and integrate AI-driven features into existing products.

String and Key — USA   Jan 2022 – Jan 2023
Software Engineer
- Developed a hassle-free online insurance tool that eliminated the need for medical examinations, improving accessibility and efficiency, reducing insurance processing time by 40%.
- Integrated cutting-edge technology to streamline user experience, reducing paperwork and simplifying insurance processes, increasing user satisfaction scores by 25%.
- Contributed to the development of a platform that tailors insurance plans to individual needs, available on both web and mobile devices.

Effectus Software — Uruguay   Feb 2020 – Jan 2025
Software Engineer
- Delivered world-class user experiences by building full-stack web and mobile applications using React, React Native, and Node.js, resulting in a 50% increase in app store ratings.
- Actively involved in UI design and implementation, translating client visions into functional and aesthetically pleasing interfaces, increasing user engagement by 35%.
- Facilitated client decision-making processes, ensuring alignment with project goals and fostering successful outcomes.
- Successfully published multiple applications on the App Store and Google Play, optimizing performance and user engagement, achieving over 10K downloads in the first month.

PROJECTS

UruguAi Legal   *(LangChain, Python, Next.js, React, Typescript)*

Gen AI product for lawyers to access legal documents more efficiently.

- Implemented a custom chat-GPT-like platform transforming legal research times.
- Enabled tasks previously taking days now require only minutes.

Expert Lawyer AI Agent   *(Node, LangChain, Whatsapp)*

AI Agent for Law Firm integrating with Whatsapp.

- Automated client interactions, including scheduling Google Meets.
- Increased sales by 70% within 2 months and saved hundreds of administrative hours.

Wysh   *(React, Typescript, GraphQL)*

Platform offering users various insurance-financial products.

- Revolutionized accidental death and term life insurance offerings.
- Achieved high user satisfaction scores and multiple accolades.

CERTIFICATIONS & RECOGNITIONS

- Cambridge English Proficiency (CPE) (2019) — Demonstrated proficiency in English language.
- DeepLearning.AI: Deep Learning Specialization (2022) — Certificate in advanced deep learning techniques and implementations.
- First Prize for Best Academic Project (2023) — Awarded by the National Academy of Engineering, Uruguay.
- 2nd Place at Universidad ORT Programming Contest (2022) — Achieved second place amongst peers in competitive programming.
- Participant in ICPC Programming Contest (2023) — Contested in the International Collegiate Programming Contest.

EDUCATION

Universidad ORT — Uruguay
Systems, 2024
Grades average 94% (GPA: 3.9), View Scholarship