

# Luciano David Chiroli

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## Summary

Full Stack Developer with over 3 years of experience, specializing in React and TypeScript. I combine the agility of AI-assisted development with strict engineering criteria, utilizing these tools to optimize code generation and testing while grounding every technical decision in a deep study of official documentation. University professor passionate about software quality and best practices.

## Experience

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| <p><b>Amelia-Hub</b>, Frontend Developer</p> <ul style="list-style-type: none"> <li>Led the frontend development of the e-learning platform, serving as the technical reference for React and Node.js.</li> <li>Drove significant UX/UI and performance improvements, including the development of visual authoring tools.</li> <li>Accelerated repetitive tasks and refactoring via strategic AI usage, rigorously validating output to ensure compliance with design patterns and security standards (JWT/HttpOnly).</li> <li>Developed interactive simulations using Three.js and React Three Fiber.</li> </ul> | <p>Barcelona, Spain (Remote)<br/>Sept 2024 – Oct 2025<br/>1 year 2 months</p> |
| <p><b>UTN – Regional Mendoza</b>, Professor of Frontend Development</p> <ul style="list-style-type: none"> <li>Teaching HTML, CSS, JS, TS, and React classes with a focus on scalable architecture.</li> <li>Mentoring students to use AI assistants as consultation tools, enforcing cross-verification with official documentation to prevent technical debt.</li> <li>Providing technical tutoring on state management (Zustand/Redux) and API design (Spring Boot).</li> </ul>   | <p>Mendoza, Argentina<br/>Mar 2024 – present<br/>1 year 11 months</p>         |
| <p><b>Smartraining Chile</b>, Development Director / Full Stack Developer</p> <ul style="list-style-type: none"> <li>Led the evolution of the e-learning platform and defined the technical roadmap.</li> <li>Implemented secure authentication and 3D simulations.</li> <li>Optimized code review processes, ensuring that all code—regardless of its origin—met the team's strict quality standards.</li> </ul>  | <p>Santiago, Chile (Remote)<br/>Sept 2023 – Oct 2024<br/>1 year 2 months</p>  |
| <p><b>Smartraining Chile</b>, Full Stack Developer</p> <ul style="list-style-type: none"> <li>Migrated the simulator from Angular to React, improving maintainability and scalability.</li> <li>Developed the application core and reusable components using Redux and React Three Fiber.</li> <li>Optimized performance and load times; implemented responsive design for various devices.</li> </ul>   | <p>Santiago, Chile (Remote)<br/>June 2022 – Sept 2023<br/>1 year 4 months</p> |

## Education

<p><b>Universidad Tecnológica Nacional (UTN)</b>, Higher Technician in Programming</p>	<p>Mendoza, Argentina Aug 2024</p>
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## Technologies

**Frontend:** React, TypeScript, JavaScript (ES6+), HTML5, CSS3, TailwindCSS, Material UI

**Backend & DB:** Node.js (NestJS, Express), Java Spring Boot, PostgreSQL, MySQL, MongoDB

**AI & Workflow:** Technical Prompting, Code Review Automation, Documentation Analysis, N8N

**State & 3D:** Redux Toolkit, Zustand, Three.js, React Three Fiber

**Tools:** Git, GitHub, Vite, Webpack, Linux/Ubuntu

## Languages

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**Spanish:** Native

**English:** Intermediate (B2 equivalent)