

# LUIS A. RAMÍREZ

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## PROFESSIONAL SUMMARY

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Mobile and Full-stack Developer with experience in building secure, scalable mobile applications, complemented by strong full-stack web development expertise. Proven track record in implementing security standards, optimizing performance, and leading cross-platform development teams. Strong expertise in React Native, TypeScript, and modern development practices, with additional experience in React, Vue.js and .NET Core.

## EDUCATION

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### National Polytechnic Institute (IPN)

*Bachelor of Mechatronics Engineering*

Zacatecas, ZAC, MX

5 years

## EXPERIENCE

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### React Native Developer

*Saeko Inc.*

2 years (current)

*Pachuca de Soto, HGO, MX*

- Lead the complete rewrite of a legacy React Native application, implementing modern best practices and TypeScript for enhanced type safety and maintainability
- Designed and implemented a scalable project structure following clean architecture principles, significantly improving code organization and maintainability
- Developed comprehensive documentation and established coding standards to ensure consistent development practices
- Implemented automated testing strategies using Jest and React Native Testing Library to ensure code reliability and maintainability
- Optimized application performance through efficient state management, code splitting, and proper component lifecycle management
- Integrated native modules and bridged native APIs to enhance application functionality on both Android and iOS platforms
- Established CI/CD pipelines and automated deployment processes to streamline the development workflow
- Conducted code reviews and implemented quality assurance processes to maintain high code standards
- Successfully migrated the application to TypeScript, improving type safety and reducing runtime errors

### React Native and Front-end Developer

*Bizont*

1 year

*Whitehorse, YT, CA*

- Developed and maintained cross-platform mobile applications using React Native, ensuring consistent performance across iOS and Android platforms
- Implemented native modules and bridged native APIs to enhance mobile app functionality and performance
- Utilized React Native's component-based architecture to create reusable UI components and maintainable code
- Integrated third-party libraries and APIs to extend app capabilities and improve user experience
- Worked with state management solutions like Redux and Context API to handle complex application states
- Optimized mobile app performance through code splitting, lazy loading, and efficient rendering techniques
- Collaborated with designers to implement responsive layouts and ensure pixel-perfect UI implementation
- Implemented automated testing using Jest and React Native Testing Library to ensure code reliability

- Maintained clear documentation and demonstrated effective communication in English within the development team

## Front-end Developer

1 year

*Broxia Intelligence*

*Tabasco, TAB, MX*

- Developed and maintained a monitoring platform for petroleum extraction equipment
- Utilized Vue.js, Tailwind CSS, and Pinia to create a responsive and user-friendly interface
- Integrated ECharts to visualize data and provide insights to users
- Collaborated with a team of developers to ensure the platform met client requirements
- Optimized the platform for performance and user experience
- Used Vitest and Cypress to implement automated tests and ensure the reliability and functionality of the developed code

## Full-stack Web Developer and System Administrator

2 years

*Lion Intel*

*Aguascalientes, AGS, MX*

- Developed, maintained, and enhanced PHP-based ERP and CRMs using PHP, HTML, CSS, JavaScript, jQuery, and Ajax
- Utilized Vue and React frameworks across diverse front-end projects
- Developed and maintained .NET Core applications, implementing RESTful APIs and integrating with various database systems
- Utilized Node, Express, Django, and .NET Core frameworks across diverse back-end projects
- Integrated web services using REST and SOAP, enhancing functionality and data exchange between systems
- Managed MySQL and SQL Server databases, including designing tables, infrastructure and optimizing queries
- Performed system administration tasks on Ubuntu and Debian web servers, including setup, configuration, and maintenance
- Collaborated with cross-functional development teams to gather and comprehend project requirements, ensuring alignment with stakeholders. Employed the Scrum Agile methodology to facilitate iterative development, regular sprint planning, and timely delivery of high-quality projects

## TECHNICAL SKILLS

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**Languages (Scripting):** JavaScript, PHP, Lua, Python, GDScript

**Languages (General purpose):** C/C++, C#, Python, Java, GDScript

**Languages (Query databases):** MySQL, PostgreSQL, GraphQL, MongoDB, SQL Server

**Languages (Hardware description):** VHDL, Verilog

**Languages (Markup):** HTML/CSS, Less, Sass, LaTeX, Markdown, XML, YAML, JSON

**Languages (Others):** MATLAB, Assembly

**Frameworks:** React, Vue, Node.js, React Native, .NET Core, ASP.NET, WordPress, Drupal, FastAPI, Laravel, Hugo, Astro, Electron

**Developer Tools:** Git, Docker, APIs REST, APIs SOAP, VIM, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Xilinx ISE

**Libraries:** jQuery, Axios, Redux, Jest, Moment.js, Chart.js, i18n, react-intl, Ionic, Gatsby, Express, Tailwind, Bootstrap, React Router, Redux, Material-UI, Styled-components, Twig, Pandas, NumPy, Pinia

**Others:** Machine learning, Data analysis, Excel, Circuit analysis, Circuit design, FPGAs, PLCs, Machine vision systems, fuzzy systems, Mock-ups for printed materials, Spreadsheet and slideshow creation, Data analysis, Image and video edition, Vector image and logo design

## SOFT SKILLS

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Verbal communication, teamwork skills, problem-solving, work under pressure, public speaking, decision making, creative, ethical, analytical and professional, funny.