

# LUIS A. RAMÍREZ

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## EDUCATION

**National Polytechnic Institute (IPN)**  
*Bachelor of Mechatronics Engineering*

Zacatecas, ZAC, MX  
5 years

## EXPERIENCE

### Full-stack Web Developer and System Administrator

1 year

*Lion Intel*

*Aguascalientes, AGS, MX*

- Developed, maintained, and enhanced PHP-based ERP and CRMs by using PHP, HTML, CSS, JavaScript, jQuery, and Ajax
- Utilized Vue and React frameworks across diverse front-end projects
- Utilized Node, Express and Django 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 monitoring
- 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

### Web and Software Developer

1 year

*Bizont*

*Whitehorse, YT, CA*

- Created and enhanced multiple projects by using Vue.js, React, GraphQL, React Native, Node.js and Git
- Contributed to defining software development life cycle within collaborative teams
- Revised webpage styling for responsive design, ensuring optimal user experience
- Verified and deployed software, ensuring optimal performance
- Created comprehensive technical documentation for reference
- Participated in CMS testing, ensuring content management system efficacy
- Demonstrated english proficiency, showing effective communication
- Optimized multimedia elements for improved content effectiveness
- Tailored content styles for various formats, showcasing versatility

### React native Developer

6 months

*Saeko Inc.*

*Pachuca de Soto, HGO, MX*

- Designed and developed UI components for online and mobile applications using the React ecosystem and JavaScript
- Collaborated closely with a small team of React Native engineers, designers, QA professionals, and managers to ensure smooth project execution
- Translated frameworks and prototypes into application and UI components, maintaining a focus on code efficiency and reuse
- Utilized native modules as needed, and interfaced with native APIs for applications configured on both Android and iOS platforms
- Implemented automated tests to ensure the reliability and functionality of the developed code
- Optimized front-end performance by identifying and eliminating performance bottlenecks
- Developed front-end modules with a strong emphasis on code reuse and efficiency
- Implemented smooth animations to enhance the user interface and overall user experience
- Integrated third-party dependencies and APIs to enhance application functionality
- Collaborated with cross-functional teams to align project requirements and ensure timely delivery of high-quality applications
- Worked with Redux Architecture to optimize website and mobile app speed

## TECHNICAL SKILLS (PROGRAMMING)

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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, WordPress, Drupal, React Native, FastAPI, Laravel, Hugo, Astro, Electron

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

**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

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

## SOFT SKILLS

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