LUIS A. RAMÍREZ

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EDUCATION

National Polytechnic Institute (IPN)   Zacatecas, ZAC, MX
Bachelor of Mechatronics Engineering   *5 years*

EXPERIENCE

Full-stack Web Developer and System Administrator   2 years
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

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

React native Developer 2 years

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
- Integrated third-party dependencies and APIs to enhance application functionality
- Worked with Redux Architecture to optimize website and mobile app speed

TECHNICAL SKILLS (PROGRAMMING)

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, 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

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