

# Armando Rios

## Full Stack Developer (Frontend Heavy) | React, Next.js, TypeScript

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### PROFESSIONAL SUMMARY

Developer focused on the JavaScript/TypeScript ecosystem, capable of building modern and functional interfaces. Experience in integrating frontend services with microservices architectures and optimizing web performance through advanced rendering strategies. Interested in improving development processes through automation and the use of AI tools to deliver valuable software efficiently.

### TECHNICAL SKILLS

- **Frontend:** React, Next.js, TypeScript, JavaScript, Zustand, Tailwind CSS, Astro
- **Backend:** Node.js, Express, MongoDB, REST APIs, JWT, PostgreSQL
- **Testing:** Jest, Vitest (basic)
- **DevOps & Tools:** Docker, Git, GitHub Actions, AWS (EC2, S3), Linux, Claude Code, OpenCode, MCP
- **Best Practices:** Clean code, modular architecture, responsive design, CI/CD, accessibility

### PROFESSIONAL EXPERIENCE

#### Software Engineer (Consultant) | OPENRED BOLIVIA | *February 2026 - Present*

- **Next.js Architecture and Data Integration:** Developed a public platform using Next.js and ISR, implementing a content update flow via Webhooks to synchronize the frontend with backend services in real time.
- **Visualization of Hierarchical Structures:** Implemented dynamic interfaces with React Flow for the graphical representation of user networks and data trees.
- **Operational Workflow Management:** Designed and built a system for tracking internal processes, enabling state transitions, work order management, and flow control between departments.
- **Order and Validation System:** Developed a purchasing management module that includes a product cart and payment receipt integration for subsequent administrative validation.
- **Microservices Consumption:** Implemented the logic for consuming and handling data from multiple independent APIs, ensuring the correct integration of backend functionalities into the frontend ecosystem.

#### Freelance Full Stack Developer | *2024 - Present*

- **Application Development:** Design and deployment of web applications using the MERN stack (MongoDB, Express, React, Node.js) and Next.js for various clients.
- **Automation and Bots:** Creation of automated communication tools using third-party APIs to optimize customer service.
- **Requirements Management:** Responsible for the software lifecycle, from gathering technical requirements to deployment and support.

### EDUCATION AND LANGUAGES

- **Informatics Engineering:** Universidad Autonoma Juan Misael Saracho (2021 - Present).
- **Languages:** Spanish (Native), Technical English (Fluent reading of documentation and written technical communication).