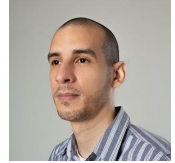


Amilcar Jesus Barahona Fermin

Software Engineer



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I have 10 years of experience as a software developer and self-taught enthusiasm. I led the Front-End development and supervised the developments in the backend area as Technical Lead at Cencosud S.A., successfully establishing a non-relational data model for the post-purchase experience sector.

This planning served as the beginning of developing a solid transversal base in micro-frontend technology, which allowed us to consolidate potential cost reduction objectives of up to 30% concerning services dependent on third parties, many of which lacked stability and operability, affecting the purchasing flow for clients in the company.

CORE TECHNOLOGIES & SKILLS:

[ReactJS] [TypeScript] [JavaScript] [VueJS] [NextJS] [Webpack] [Micro-Frontend] [AWS] [Terraform] [Kubernetes] [Git] [NodeJS] [ExpressJS] [NestJS] [N8N] [Docker] [CI/CD] [Git] [PHP] [Laravel] [Context Engineering] [Product Engineering] [Git] [Documentation] [Tech Lead] [MCP]

TOOLS & COLLABORATION:

[Jira] [Slack] [Figma] [GitHub] [GitLab] [Miro] [Trello] [ClickUp] [NotebookLM] [Gemini] [Claude] [DeepSeek] [ChatGPT] [Github Copilot] [Web Scraping Tools]

LANGUAGES:

[Spanish-native] [English-B1] [Portuguese-learning]

PROFESSIONAL EXPERIENCE:

Freelance - Software Engineer - Remote - May 2024-Present

Technologies: [ReactJS] [NextJS] [NodeJS] [ExpressJS] [TypeScript] [AWS] [Aurora RDS] [Route 53] [EC2] [SES] [N8N] [Git] [CI/CD] [MCP] [Documentation] [Docker] [PHP] [Laravel] [Context Engineering] [Product Engineering]

Tools: [Figma] [GitHub] [GitLab] [Trello] [Discord] [Web Scraping Tools] [Github Copilot] [NotebookLM]

- Developed fullstack applications for hospitality and recreational industries, including reservation systems and activity management platforms.
- Enhanced understanding and application of SOLID principles, implementing them more effectively across subsequent projects to improve code maintainability and scalability.
- Led a small development team to successfully rescue a recreation application from near-failed implementation by the previous team, delivering a functional solution within the project timeline.

- Implemented AI workflow automation solutions using n8n for various client processes, improving operational efficiency.
- Developed web scraping solutions and project management applications similar to ClickUp but tailored for smaller organizations.
- Managed technical project coordination through Discord server administration for development team communication and workflow organization.
- Utilized AWS cloud services including Aurora RDS for database management, Route 53 for DNS, EC2 for hosting, and SES for email services.

Cencosud S.A. Technical Lead - Santiago, Chile - March 2024-May 2024

Technologies: [Webpack] [Micro-Frontend] [ReactJS] [TypeScript] [AWS] [Terraform] [Kubernetes] [Git] [CI/CD] [Documentation]

Tools: [Miro] [Jira] [Slack] [Figma] [GitHub] [GitLab]

- I led the improvement and refactoring of the data model for a transversal platform called "Operation Center", which served as the main core of all post-purchase experience apps in the Cencosud ecosystem.
- I collaborated with a team that supported a unified library of UI components to improve and centralize the homogeneity of front-end developments in terms of components, styles, and patterns established by the UX/UI team.
- I developed a remote module based on webpack-react belonging to the micro-frontend platform which had the objective of administering, managing, and handling users transversely across the entire Cencosud ecosystem in the area of post-purchase experience.
- I provided solutions to external teams in their migration to the new "Operation Center" platform, directly to improvements in the code, as well as indirectly in planning and meetings so that they could easily integrate into the micro-platform. frontend.
- I coordinated with the security team of the Cencosud post-purchase experience platform to audit the "Operation Center" product and thus verify its robustness in terms of security, scalability, and stability.

Cencosud S.A. Senior Software Engineer - Santiago, Chile - May 2023-March 2024

Technologies: [Webpack] [Micro-Frontend] [ReactJS] [NodeJS] [NestJS] [TypeScript] [AWS] [Terraform] [Kubernetes] [Git] [CI/CD] [Documentation]

Tools: [Miro] [Jira] [Slack] [Figma] [GitLab]

- I refactored and updated a platform based on Webpack with Module Federation (micro-frontend) that allowed us to establish the basis for the migration of the different team apps belonging to the company's post-purchase experience ecosystem.

- I made improvements to a native library that allows the orchestration and execution of apps based on webpack-react on the micro-frontend, allowing their resolution and navigation.
- I refactored and performed improvements in the base module as a template (remote) that allows it to be a template for the projects that are integrated into the micro-frontend ecosystem.
- I refactored and gave support to the container orchestration platform and deployment of front-end applications of the "Operation Center" based on AWS Terraform and Kubernetes.
- I guided members with junior profiles in the work team, providing support in the development of new features of the application, as well as understanding its operation and how to implement good practices.
- I coordinated with the backend team regarding the API services necessary for the operation of the "Operation Center" platform, establishing good development practices to have adequate responses that are consumed by the frontend team.
- I coordinated meetings that allowed us to establish the basics of the first MVP of the "Operation Center", establishing guidelines, priorities, and order in the planning for the migration of apps by teams in the post-purchase experience area.

Tucan Talent (Startup) Software Engineer & Frontend Leader - United States June 2022–May 2023

Technologies: [ReactJS] [TypeScript] [Javascript] [NextJS] [NodeJS] [NestJS] [Git] [CI/CD]

Tools: [ClickUp] [Slack] [Figma]

- I led a front-end development team for a platform based on social networks, guiding good development practices, time compliance, and planning of sprint activities and short-, medium-- and long-term objectives.
- I supervised good practices and clean code in the front end allowing more agile and dynamic developments, promoting teamwork and pair programming, and establishing effective communication behaviors.
- I encouraged the establishment of goals and objectives that allowed development times to be reduced by 30%, thus achieving the release of the first 2 MVPs effectively.
- I helped organize the activities board in Clickup, allowing details of technical requirements that managed to increase the effectiveness and correct scope of the activities in the planned Sprints.
- I implemented good clean code practices in the frontend app, allowing errors in feature integrations to be reduced by 50%, achieving target quotas for sprints satisfactorily.
- I took training courses in English for direct customer interaction.

Pharol SPA (Startup) Front-End developer & Front-End Lead - Santiago, Chile - June 2019-March 2022

Technologies: [ReactJS] [VueJS] [JavaScript] [Git] [NestJS]

Tools: [Slack] [Figma] [GitLab]

- I recruited frontend developers and UX UI designers who allowed me to continue new developments and features in the app during my time as Frontend Technical Lead.
- Developed new features in the frontend app based on technology VueJS, allowing continuity to new developments required by the planning team.
- I carried out a migration together with the platform's frontend team VueJS to ReactJS, in addition to emphasizing clean code elements to allow its scalability, thus reducing platform loading times by up to 50%.
- I created new features and supported an email-sending platform based on NestJS allowing continuity to new developments in addition to refactoring and improving email templates for better reading by the end user.

TECHNICAL LEADERSHIP:

Team Management & Development

- Led and mentored cross-functional frontend development teams across multiple projects
- Guided junior developers in best practices, feature development, and architectural understanding
- Recruited and onboarded frontend developers and UX/UI designers to scale team capabilities
- Established effective communication protocols and collaborative workflows between teams

Technical Strategy & Architecture

- Spearheaded migration strategies from legacy systems to modern micro-frontend architectures
- Designed and implemented scalable frontend solutions reducing operational costs by 30%
- Established coding standards and clean code practices, reducing integration errors by 50%
- Led technical audits and security assessments for platform robustness and scalability

Project & Process Leadership

- Coordinated sprint planning and managed delivery timelines, achieving 30% faster dev cycles
- Facilitated technical meetings between frontend, backend, and security teams
- Organized agile workflows and requirement specifications to improve sprint effectiveness
- Provided technical consultation and migration support to external development teams

Cross-functional Collaboration

- Collaborated with UX/UI teams to establish component libraries and design system standards
- Coordinated with backend teams to define API requirements and development best practices
- Interfaced directly with international clients and stakeholders in English
- Led technical planning sessions to establish MVP requirements and long-term roadmaps

EDUCATION, STUDIES & CERTIFICATIONS:

- Coderhouse - ReactJS Basic & Advanced Certification - Buenos Aires, Argentina August 2021
- Coderhouse - Backend Basic Certification - Buenos Aires, Argentina February 2024
- Coderhouse - Backend Advanced Certification - Buenos Aires, Argentina September 2024