Luiz Avila

Senior Software Engineer

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Senior software engineer with 17+ years building scalable web platforms across SaaS, healthcare, government and enterprise, focused on search architecture and AI-powered platforms. Technical leader and mentor across small and medium teams.

Experience

Senior Software Engineer at Bloomfire

2023–now
Remote

Joined through the acquisition of Seva.

- Search architecture for a knowledge-management platform, including facets on a semantic-search service.
- Content-moderation workflows, approvals and notifications across Rails and React.
- Developer-environment reliability across a multi-service Docker setup.

Senior Software Engineer at Seva

2022–2023
Remote

Acquired by Bloomfire in June 2023.

- AI-powered search product, through to its acquisition.

Senior Fullstack Developer at AE Studio

2022
Remote, contract

- Full-stack client work on a short contract.

Software Engineer at CareMessage

2018–2022
San Francisco Bay Area (remote)

- Patient-engagement platform for health centers serving underserved communities.

Software Architect at Algar Tech

2013–2018
Belo Horizonte, Brazil

- Architecture and technical leadership for enterprise and government systems.

Skills

Languages

Frontend

TypeScript, JavaScript, Ruby, Java, Go, SQL

Backend

Node.js, Ruby on Rails, Postgres, OpenSearch

React, Next.js, Astro, Tailwind

Focus

Search architecture, AI-powered platforms, Technical leadership, Mentoring

Education

PUC Minas, Pontifícia Universidade Católica de Minas Gerais