

# Felipe Lopes Vieira

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## PROFESSIONAL SUMMARY

Accomplished senior software engineer with over 8 years of extensive experience in full-stack development, specializing in microservices, event-driven architecture, and cloud-native applications. Complemented by 5 years of strategic business management, I excel in solving complex architectural challenges and driving the adoption of cutting-edge technologies. Proven track record of leading high-performance teams and delivering scalable, robust solutions in fast-paced, multi-cultural environments. Proficient in English and Portuguese, with a working knowledge of Spanish. Passionate about mentoring junior developers and fostering a culture of continuous learning and innovation.

## WORK EXPERIENCE

Axiell (Remote), 2021 - Present

### Senior Software Engineer

- Spearheaded the modernization of Axiell's Vital Records Management System, leveraging expertise in microservices architecture, domain-driven design, and event-driven systems (Kafka, RabbitMQ)
- Implemented advanced caching mechanisms (Redis, Memcached) and optimized database queries (SQL Server, Oracle) to enhance system performance and scalability
- Established CI/CD best practices using Azure DevOps, Jenkins, and Terraform, enabling faster, more reliable deployments
- Led the internationalization effort, adapting the system for the Canadian market and ensuring compliance with local regulations and standards

Norwegian Cruise Lines (Remote), 2023

### Senior Software Engineer

- Architected and developed key components of the Oceania Cruises e-commerce platform using a modern tech stack (Vue.js, Angular, C#, Scala)
- Designed and implemented a multi-tenancy architecture to support multiple brands and regions, utilizing AWS services such as ECS, Lambda, and DynamoDB
- Collaborated with UX/UI designers to create responsive, mobile-first interfaces that improved user engagement and conversion rates
- Conducted code reviews, provided technical guidance, and mentored junior developers to maintain high code quality and adherence to best practices

Healthgrades (Remote), 2020 - 2021

### Senior Software Engineer

- Assisted the integration of Salesforce with the existing platform, utilizing Salesforce APIs and custom middleware (Node.js, Express.js) to seamlessly exchange data
- Implemented a microservices architecture using Docker and Kubernetes to improve scalability, reliability, and maintainability
- Designed and developed a real-time notification system using WebSockets and AWS SNS/SQS to enhance user experience and engagement
- Optimized application performance by implementing server-side rendering (Next.js), lazy loading, and code splitting techniques

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Article (Remote), 2020

## Senior Software Engineer

- Designed and implemented a distributed event-driven architecture using Apache Kafka and Confluent Platform to process high-volume, real-time data streams
- Developed a custom ETL pipeline using Apache Spark and Airflow to efficiently process and analyze large datasets
- Implemented a feature flagging system to enable controlled rollouts and A/B testing of new features
- Conducted workshops and training sessions on Agile methodologies, CI/CD best practices, and microservices architecture for the development team

IBM (Remote), 2019 - 2020

## Senior Software Engineer

- Contributed for the development of the Guided Selling Tool using React, Redux, and Node.js, collaborating closely with product managers and UX designers to deliver an intuitive, data-driven user experience
- Designed and implemented a unified API gateway using GraphQL to facilitate the integration of backend systems during the Sprint and T-Mobile merger
- Implemented a robust error tracking and monitoring system to proactively identify and resolve production issues
- Mentored junior developers and conducted code reviews to ensure adherence to coding standards, design patterns, and best practices

B2W, 2018 - 2019

## Software Engineer

- Developed and maintained a high-performance e-commerce platform using Java, Spring Boot, and ReactJS
- Implemented a distributed caching layer using Redis to improve application responsiveness and reduce database load
- Designed and developed a recommendation engine using collaborative filtering and machine learning techniques (Python, scikit-learn) to personalize user experience
- Contributed to the adoption of a continuous deployment pipeline using Jenkins, Ansible, and Kubernetes, significantly reducing time-to-market for new features

Águas do Brasil Group, 2017

## Software Engineer

- Developed a CRM system using JavaScript, C#, ASP.NET, and SQL Server, streamlining billing and customer management processes
- Implemented a role-based access control system to ensure data security and privacy
- Designed and developed RESTful APIs using ASP.NET Web API to enable integration with third-party systems
- Collaborated with cross-functional teams using Agile methodologies (Scrum, Kanban) to gather requirements and deliver high-quality solutions

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Flinxi, 2015 - 2016

## Software Developer

- Contributed to the development of a multi-tenant SaaS application using Java, Groovy, and MySQL
- Implemented a real-time messaging system using WebSockets and RabbitMQ to enable instant communication between users
- Optimized database queries and implemented indexing strategies to improve application performance
- Participated in code reviews and provided constructive feedback to peers, promoting a culture of continuous improvement

P&G – Procter and Gamble, 2013 - 2014

## Sales Supervisor

- Drove strategic sales initiatives for Grupo Pão de Açúcar in Rio de Janeiro
- Consistently exceeded sales targets through effective team management and customer-centric approach

***Additional business, accounting and marketing experiences not included to maintain clarity and focus.***

## EDUCATION

- Bachelor's degree in information systems, Fluminense Federal University, Institute of Computing, 2013-2017
- Bachelor's degree in business administration, La Salle University, 2009-2012

## MOST USED TECHNICAL SKILLS

- Programming Languages: Java, C#, C++, C, Python, JavaScript, TypeScript, Scala, Kotlin, Go, PHP, Rust
- Web Development: React, Angular, Vue.js, Node.js, jQuery, Bootstrap, ASP.NET, Spring Boot, Flask
- Databases: Oracle, SQL Server, MongoDB, MySQL, PostgreSQL, Firebase, Redis, Cassandra
- DevOps & Deployment: CI/CD pipelines (Git, AWS, Azure, Jenkins), Docker, Kubernetes, Terraform, Ansible, Kibana, Grafana, ELK stack
- Cloud Platforms: AWS, Azure, GCP, Heroku
- Testing & Integration: JUnit, Mocha, Jest, Cypress, Selenium, Postman, gRPC, GraphQL
- Data Processing & Analytics: Apache Spark, Hadoop, Kafka, Databricks, Snowflake

## BUSINESS SKILLS

- Project Management: Expertise in Scrum, Kanban
- Business Operations: Knowledge of marketing strategy, sales management, accountancy, finance, and logistics
- Soft Skills: Strong leadership, communication, problem-solving, and decision-making abilities