

# André Neves

## Senior Software Engineer

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Senior software engineer with 7+ years of experience, specialized in frontend development with strong full-stack capabilities in backend architecture, system design, and DevOps practices.

Led architecture decisions using Clean Architecture and SOLID principles, improving developer experience and reducing technical debt. Successfully managed the migration of 10 projects from Angular 12 to 16. Participated in database structuring and API architecture decisions, contributing to backend solutions while maintaining frontend focus.

Implemented CI/CD pipelines and DevOps practices including Docker and Nginx optimizations. Reduced codebase vulnerabilities by 30%. Developed full-stack solutions using Node.js, Java/Spring Boot, and PHP, with expertise in database optimization achieving 99% performance improvements. Provided technical leadership and mentored developers across multiple teams.

 LinkedIn  GitHub

## ► Experience

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### Banco BS2

*Key skills: Angular, Angular Material, Azure DevOps*

#### CoE Web (Center of Excellence) Member

Sep 2024 - Present

- Structured development processes and implemented CI pipeline with automated testing and ESLint validation, ensuring high quality for the codebase
- Facilitated the implementation of an automated testing culture by creating the test suite base (modules, mocks, utilities, patterns)
- Reduced codebase vulnerabilities by 30%, addressing third-party dependencies and Infrastructure as Code issues. Documented a process for dependency upgrades to mitigate breaking changes and legal problems, successfully concluding improvements without impact.
- Implemented Internationalization (i18n) for web platform using Angular i18n to support Mandarin for Chinese customers, what required architectural changes in the nginx configuration and in the codebase, to deal with routing issues
- Facilitated architectural improvements and technical knowledge sharing

#### Senior Frontend Engineer

Nov 2023 - Present

- Led migration of 10 projects from Angular 12 to Angular 16, documenting a comprehensive process to guide the complex migration, ensuring smooth transition with minimal impact
- Enhanced build and deployment processes by optimizing Docker and Nginx configurations, improving application performance and reliability.

### Qualifica Cursos e Carreiras

*Key skills: Angular, Ionic, Design System*

#### Lead Frontend Engineer

Jan 2022 - Oct 2023

- Implemented design system using Atomic Design Methodology, migrating legacy UIs and improving Developer Experience
- Established clean architecture approach for new features, improving code maintainability and scalability

- Reduced support ticket volume by 91% through improved authentication flow implementation
- Collaborated with backend team to architect a content management system, participating in database structuring and API design decisions
- Developed scalable end-to-end architecture for A/B testing content recommender systems, involving backend architecture decisions, API design, and system integration patterns

## Frontend Engineer

May 2020 - Dec 2021

- Fixed 30+ critical bugs and improved endpoint response time by 99% through MongoDB query optimization
- Fixed critical issues in offline-first feature implementation and enhanced app security

## Yanlili Gold

*Key skills: Angular, Java, Spring Framework, Node.js, Nest.js, MongoDB*

## Fullstack Engineer

Oct 2020 - Mar 2022 (Freelance)

- Developed full-stack features for e-commerce platform, building RESTful APIs using Java/Spring Boot and Node.js/Nest.js with MongoDB
- Improved platform security through comprehensive authentication and authorization flow review

## USIMINAS

*Key skills: Oracle Database, PL/SQL*

## Software Engineering Intern

Jan 2016 - Dec 2016 (Internship)

- Developed Microsoft Access applications and reduced report processing time by 50% through PL/SQL optimization

## ► Education

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### Bachelor's degree in Computer Engineering

*Centro Federal de Educação Tecnológica de Minas Gerais (CEFET MG)*

Main subjects: Algorithms and Data Structures, Fundamentals of Computer Networks, Software Engineering, Operational Systems, Compilers, Artificial Intelligence, Distributed Systems, and Computer Graphics.

## ► Skills

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**Languages:** JavaScript, TypeScript, Java, PHP, Dart

**Databases:** MongoDB, MySQL, PostgreSQL, Oracle

**Frontend:** Angular, Ionic, TypeScript, Flutter

**Backend:** Node.js, Nest.js, Java/Spring Boot, PHP

**Architecture:** Clean Architecture, Domain-Driven Design, System Design

**DevOps:** Docker, Nginx, CI/CD, IaC

**Soft Skills:** Leadership, Technical Mentoring, Process Improvement