

## Contact

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## Top Skills

PHP

MySQL

Azure DevOps Server

# Giovani Fernandes

Software Engineer @ Rodobens | NodeJS Specialist | Angular | React

São José do Rio Preto, São Paulo, Brazil

## Summary

I am a Software Engineer with 5+ years of experience in Back-end and Full Stack development, building scalable, high-performance, and secure systems using Node.js, TypeScript, NestJS, PostgreSQL, MySQL, Redis, Angular, and React. I specialize in modern system architecture, complex problem-solving, and optimizing production applications. I have solid experience with financial integrations, including payment processing, communication with traditional banks, billing workflows, reconciliation systems, and back-end development for digital wallets used by merchants. I have led sustaining engineering efforts across frontend, backend, and mobile applications, ensuring system stability, performance improvements, critical issue resolution, and continuous evolution. I have also contributed to major modernization initiatives, including migrating legacy systems to modern Node.js and Angular-based architectures. Additionally, I have hands-on experience with Web3, building dApps and integrating back-end services with blockchain ecosystems. Key areas of expertise:

- Backend engineering with Node.js, NestJS, PHP, TypeScript
- Frontend with Angular and React
- Web3 development and dApps
- Financial integrations: payment processing, banking, billing, reconciliation
- Financial systems and digital wallets
- Microservices, GraphQL, REST, messaging
- Software Architecture, SOLID, Design Patterns, TDD
- Mobile development (Ionic/Angular)
- Performance optimization, refactoring, and system migrations

I am driven by technical excellence, scalability, clean architecture, and delivering reliable solutions that make a real impact.

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## Experience

Rodobens

Back-End Developer

January 2024 - Present (2 years 1 month)

São José do Rio Preto

- Developing back-end solutions using Node.js and PHP to meet the demands of internal and external systems.
- Building and maintaining APIs, ensuring performance, security, and scalability.
- Integrating with various market solutions, connecting systems, and automating processes.
- Implementing continuous improvements on existing platforms to enhance optimization and user experience.
- Collaborating with multidisciplinary teams to align technical and business requirements.

## Paipe | Tecnologia e Inovação

1 year 7 months

### Full-Stack Developer (Mid-Level)

May 2023 - December 2023 (8 months)

Developed full stack solutions focusing on Node.js, NestJS, TypeScript, Postgres, AWS, Docker, and Trello.

Designed architectures and evaluated technologies to address complex challenges.

Built and maintained reusable, high-performance APIs (REST/RESTful). Implemented microservices and handled SQL, NoSQL, and in-memory databases.

Worked in agile teams, participating in software lifecycle planning, task estimations, and feature prioritization.

Practiced code reviews, paired programming, and applied architectural best practices to deliver quality products.

### Back-End Developer (Mid-Level)

June 2022 - May 2023 (1 year)

- Developed and maintained scalable APIs and built integrations with third-party tools.
- Collaborated on product discussions to ensure value delivery and feature alignment.
- Focused on security, performance, and scalability in architecture and code design.
- Tested and automated products while validating them based on user feedback.

## Field Control

1 year 2 months

## Tech Lead

January 2022 - May 2022 (5 months)

São José do Rio Preto, São Paulo, Brasil

Led a development team, focusing on application maintenance and adding new features to the company's main products.

Ensured continuous improvement of user experience, prioritizing code quality and best practices through code reviews.

Onboarded new developers and contributed to team growth through regular pair programming sessions.

## Full Stack Developer

June 2021 - January 2022 (8 months)

São José do Rio Preto, São Paulo, Brazil

Worked with a tech stack including TypeScript, JavaScript, AngularJS, Angular 2+, Ionic, Node.js, GraphQL, and AWS.

Applied SOLID principles, design patterns, TDD, and serverless architecture to deliver robust solutions.

## Developer (Intern)

April 2021 - June 2021 (3 months)

São José do Rio Preto, São Paulo, Brasil

## Secretaria Municipal da Educação

Técnico de suporte em TI

February 2020 - March 2021 (1 year 2 months)

São José do Rio Preto, São Paulo, Brasil

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## Education

Universidade Paulista

Bacharelado, Ciência da Computação · (January 2019 - December 2022)