

# MATEUS RIBEIRO DE CAMPOS

**Backend Developer (Java/Spring Boot, Node.js) | BSc Computer Science | Former Research Scientist (PhD)**

## CONTACT

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- **GitHub:** github.com/mateusribeirocampos
- **Portfolio:** portfolio-mateusribeirocampos.vercel.app

## PROFESSIONAL SUMMARY

Backend Developer with a **BSc in Computer Science** (2026) and international research experience (**PhD in Entomology**, INRAE-France). Hands-on experience in backend development (Node.js) and over **2,200 hours** of practice in **Java/Spring Boot** and **REST APIs**.

I bring analytical rigor and systematic thinking from scientific research to software development: clean code, clear documentation, and focus on quality.

**Objective:** Junior Backend Java Developer or Junior Full-Stack Developer, in environments that value best practices and continuous development.

## PROFESSIONAL EXPERIENCE

### Backend Development Intern

**Isaac Kennedy Desenvolvimento de Software LTDA** | São Paulo, SP (Remote) *August 2025 - November 2025*

- Support in development and maintenance of backend applications in **Node.js**
- Implementation of **RESTful APIs** and integration with **SQL** and **NoSQL** databases
- Bug analysis and correction applying debugging best practices
- Writing **automated tests** and version control with **Git**
- Collaboration in **agile methodologies** (Scrum/Kanban)
- Research and study of new technologies and architectures

**Technologies:** Node.js, Express.js, REST APIs, SQL, NoSQL, Git, Scrum/Kanban



## Researcher I

**Institut National de Recherche Agronomique (INRAE)** | Sophia Antipolis, France *January 2017 - December 2018*

### Transferable Skills for Development:

- Led multidisciplinary projects in ecotoxicology applying **advanced statistical analysis** (R, Python)
- Developed **predictive models** for complex biological systems behavior
- Collaborated with **international teams** (France, Brazil, Italy, India, Senegal and USA) on long-term projects
- Published in high-impact scientific journals (technical communication in English)
- Managed schedules, deliverables, and results documentation

**Competencies:** Analytical thinking, complex problem-solving, international teamwork

## Postdoctoral Researcher

**Federal University of Viçosa (UFV)** | Viçosa, Brazil *November 2013 - October 2016*

- Conducted research projects in applied entomology
- Applied **data analysis** and **statistical modeling** (R)
- Coordinated experiments with deadline and resource management

## FEATURED PROJECTS

DSCommerce - Enterprise E-commerce API

**Java, Spring Boot, Spring Security, OAuth2, JPA, PostgreSQL, Docker**

- REST API with **15+ RESTful endpoints**
- **JWT/OAuth2 authentication** with Spring Security
- **Complex JPA relationships** (OneToMany, ManyToMany)
- Environment profiles (dev/test/prod) + **production deployment** (Render + Supabase)
- Swagger/OpenAPI documentation

**Repository:** [github.com/mateusribeirocampos](https://github.com/mateusribeirocampos)

SYSMP - Deadline Management System

**Node.js, Express, React, TypeScript, WebSocket, JWT, PostgreSQL**

- Full-stack system with **real-time communication** (Socket.io)
- **JWT authentication** and role-based access control
- Administrative panel with dashboard



## Dr.Agenda - Medical App

### React Native, React, SQLite

- **Cross-platform** app (iOS/Android/Web)
- **Offline synchronization** with SQLite
- **30% reduction** in usability errors

## Santa Rita - Community Platform

### React, TypeScript, Node.js, PostgreSQL

- Member, event, and donation management
- System in use by the community

## TECHNICAL STACK

**Backend:** Java 21, Spring Boot 3.5, Spring Security (OAuth2, JWT), JPA/Hibernate, Node.js, Express.js **Frontend:** React, TypeScript, JavaScript (ES6+), React Native **Databases:** PostgreSQL, MySQL, SQLite **DevOps:** Docker, GitHub Actions, Git **Deploy:** Render, Vercel, Supabase **Testing:** JUnit 5, Mockito, TDD, Jacoco, MockMvc, RestAssured **Data Science:** Python, R, Pandas, NumPy, Matplotlib **Methodologies:** Agile (Scrum/Kanban)

## EDUCATION

**Bachelor of Science in Computer Science** (completed) Universidade Anhembi Morumbi | 2022 - 2026

**Doctor of Science (DSc) in Entomology** Federal Rural University of Pernambuco | 2009 - 2013  
*Visiting Scholar:* University of Nebraska-Lincoln (USA) | 2012-2013

**Master of Science (MSc) in Entomology** Federal University of Viçosa | 2007 - 2009

**Bachelor's Degree in Agronomy** Federal University of Viçosa | 2002 - 2007

## CERTIFICATIONS

- Java Spring Expert | DevSuperior | 200h | 2026
- Java Spring Professional | DevSuperior | 120h | 2025
- Frontend Web Development (HTML, CSS, JS) | Udemy | 2025
- Mobile App Development (React Native) | DevPoint | 2024
- Object-Oriented Programming in Java | Udemy | 2024
- Git - From Basic to Advanced | Udemy | 2024



## LANGUAGES

- **Portuguese:** Native
- **English:** Intermediate/Advanced (B2) - international professional experience, scientific publications

## ADDITIONAL INFORMATION

- **Availability:** Immediate for internship/employment (remote or on-site in Ouro Fino/MG)
- **GitHub:** 4,000+ commits | Active daily
- **Soft Skills:** Fast learner, adaptability, teamwork, complex problem-solving