MATEUS RIBEIRO DE CAMPOS

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

CONTACT

- **LinkedIn:** linkedin.com/in/mateus-ribeiro-de-campos-6a135331
- **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

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