

MATEUS FELIPE DOS SANTOS

Software Engineer

Recently graduated in Software Engineering, I am passionate about mobile development, especially with Flutter and React Native. I'm also improving my skills in Software Quality, focusing on Ruby, Cucumber and Cypress. I look for opportunities to apply my versatility and passion for technology, developing innovative mobile solutions and ensuring the quality of applications through automated testing.

EXPERIENCE

Freelance - ProdManage App

ProdManage is a production management mobile application developed for a clothing manufacturer. The frontend was built using Flutter, providing an intuitive and responsive interface. The backend was implemented with NestJS, offering a robust and scalable architecture. The data storage system uses MySQL, ensuring efficiency and security. Acceptance, static and system tests were performed manually in Excel, while API tests were automated using Ruby, with Cucumber for scenario definition and Httparty for HTTP interactions. This approach combines traditional methods with modern techniques, resulting in a solid, well-tested solution for production management.

Technologies: Flutter, Nest.js, MySQL, Ruby, Cucumber, HTTParty, Excel.

Project Link: https://github.com/MateusFels/prod_manage

Freelance - Quality Assurance

Worked on quality assurance for a puzzle game, focusing on static analysis and system testing. Conducted thorough code reviews to identify potential vulnerabilities and areas for optimization. Performed extensive system tests, including functionality verification, performance evaluation across devices, compatibility checks, and usability assessments. Created comprehensive test plans and documented bugs, inconsistencies, and improvement opportunities.

Technologies: Excel.

Project Link: <https://github.com/VirsoRaivoky/Puzzle>

Freelance - Clothing Sales Website

Worked on an online clothing sales website, leveraging the versatility of the WordPress platform. In this project, was customized a specific WordPress theme to deliver an attractive and functional visual presentation of products, and implemented a direct redirect to the owner's WhatsApp upon clicking on each clothing item.

Technologies: WordPress, PHP, MySQL, WhatsApp Integration.

Website Link: <https://style-sphere-loja.vercel.app/>

Address: Rua Chica Vaz, 306 - Fartura, SP,
18870-140
Cellphone: +55 14 99769-2248
Email: mateus.fes14@gmail.com
GitHub: <https://github.com/MateusFels>

LANGUAGES

Intermediate English - Step by Step -
2-hour classes per week.

TECHNOLOGIES

♦ **Programming Languages:** JavaScript, TypeScript, PHP, Python, Ruby, Java, Dart, C#.

♦ **Frameworks and Libraries:** React, React Native, Flutter, Nest.js, .NET, Cucumber, Cypress.

♦ **Databases:** MySQL, Firebase, Prisma ORM.

♦ **Other Technologies:** Postman, Git, GitHub, TailwindCSS, HTML, CSS.

EDUCATION

♦ Bachelor of Computer Science, at Universidade Estadual do Norte do Paraná (UENP)

02/2020 to 04/2024.

Scholarship - PIBIC

Uenp | 10/2022 - 10/2023

The work reports on research using the Machine Learning for Kids platform and Polya's Problem Solving method to evaluate its effectiveness in initial ML learning. A practical workshop was held with students, who developed and tested models. The opinions collected at the end showed that the combination of tools was useful and stimulating.

Article Link: [método resolução de problemas aplicado ao ensino de aprendizado de máquina](#)

Freelance - Pet Shop Website

In this project, I developed a responsive landing page based on React with TypeScript for greater type safety and maintainability. I used TailwindCSS for quick and consistent styling, creating an attractive and functional visual presentation of pet care services.

Technologies: React, TypeScript, Tailwind CSS.

Website Link: <https://petshop-quatro-patas.vercel.app/>