Erick Patrick Andrade Barcelos
Software Engineer

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Objective

Enthusiastic about the intersection of technology and art, I am always on a quest to blend the best of both realms. My passion lies in constantly learning and exploring diverse perspectives.

Aspiring Software Engineer with a keen interest in mastering the Full Stack domain. Eager to contribute my skills and creativity to innovative projects that challenge and inspire.

Technical Skills

Programming Languages: Javascript, C, Python, Java, Typescript, C#, Dart, Haskell
Frameworks: React, React Native, NextJS, Flutter, .NET
Databases: MySQL, MongoDB, PostgreSQL
Development Tools: Git, Jenkins, Azure
Agile Methodologies: Scrum, Kanban

Education

University of São Paulo - 1# QS Latin America & The Caribbean Ranking
Bachelor of Science in Computer Science (2019 - 2023)
Bachelor of Science in Information Systems (2023 - Present)

Professional Experience

Software Engineering Intern
BTG Pactual - Latin America's Leading Investment Bank
Duration: May 2023 - Present
Location: Brazil · Remote

Software Engineering Intern at BTG Pactual, contributing to development, refactoring, and architecture in a dynamic, collaborative setting. Key role in crafting solutions aligned with Latin America's largest investment bank's tech goals. Remote work involves refining code quality, optimizing performance, and contributing to innovative financial solutions.

Software Engineering Intern
Stealth Startup - ATS Startup
Duration: February 2023 - May 2023 (4 months)
Location: Brazil · Remote

Four-month internship at a cutting-edge ATS startup involved active participation in software development, including prototyping and UX design. Worked on full-stack and mobile development, gaining hands-on experience in creating seamless, user-friendly solutions. Contributed to shaping software architecture, playing a pivotal role in designing robust, scalable systems for innovative projects. Remote work in a dynamic environment contributed to the startup's mission of revolutionizing the ATS landscape through technology and design.

Academic Experience

Full Stack Developer

ICMC Júnior - Junior Enterprise of the University of São Paulo
Duration: February 2021 - January 2023 (2 years)
Location: Brazil

Contributed to the development of a design project, showcasing proficiency in Full Stack Development within a dynamic and collaborative environment.

Sales Consultant

ICMC Júnior - Junior Enterprise of the University of São Paulo
Duration: February 2021 - January 2022 (1 year)
Location: Brazil

Engaged in effective communication and customer relations while providing product reviews in a sales capacity.

Undergraduate Research in WEB

ThesisAnalytics - University of São Paulo Research Project
Duration: November 2022 - August 2023 (10 months)
Location: Brazil

Developed a web-based tool for exploring data and conducting bibliometric analysis on the theses and dissertations of the University of São Paulo.

Personal Projects

tripper

Tripper is a React Native application designed to showcase routes for road trips that traverse scenic landscapes, restaurants, or tourist attractions. Users have the ability to create and share their own routes, with the added feature of voting on routes to elevate their visibility within the community.

portifolio

Crafted with Next.js and styled with Tailwind CSS, my personal portfolio serves as both a testing ground for frontend explorations and a showcase for my projects and accomplishments. Explore my work and journey through the interactive display of my skills and achievements.

amigo-secreto (secret-santa)

Created with Node.js and React, secret-santa is a web application that emulates the popular gift-giving game. Users can easily register their names and emails, and the application autonomously conducts the drawing. Once complete, the results are sent via email, revealing each participant's gift recipient in the game.

Certifications

- TypeScript Training
- React JS Training
- Python Training & Object Orientation
- Software Engineering Training
- Node.js Training with Express
- Training: Learn to program in C# with Object Orientation

Languages

- Portuguese - Fluent
- English - Intermediate