# Ana Julia **Bittencourt**

SOFTWARE ENGINEER

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## Summary

I have been working in software engineering for five years, starting as a full-stack developer and honing my skills in various technologies. However, I realized that specialization was necessary, which led me to spend two years mastering backend development. My passion for blockchain technology peaked in 2021, motivating me to transition into a full-time role as a blockchain engineer. This year, I have focused on improving my expertise in identifying vulnerabilities within Solidity contracts, as I am particularly interested in security research.

As a Unix user, I am always searching for ways to optimize my operating system and achieve the best performance possible. I rely heavily on Emacs, which is versatile and streamlines my development workflow. My approach to work and life is highly systematic because I believe meticulous organization is crucial to success.

## Work Experience

### Boson Protocol                                                   *Remote*
BLOCKCHAIN ENGINEER                                       *Jun. 2022 - Sep. 2023*
- Designed and deployed EVM-compatible smart contracts in Solidity, ensuring top-notch security and efficiency.
- Integrated industry-standard CI/CD practices, facilitating efficient development, integration, and deployment processes.
- Maintained detailed and current documentation, supporting team collaboration and compliance with best practices.

### Ripio                                                           *Remote*
BACK-END ENGINEER                                         *Jul. 2021 - Jun. 2022*
- Spearheaded bug fixes and performance optimization for a monolithic Express.js server
- Orchestrated the seamless integration of the back-end with a new cryptocurrency trading engine, leveraging Amazon SQS and DynamoDB to boost transaction throughput

### Rocketseat                                                      *Remote*
FULL-STACK SOFTWARE ENGINEER                              *Dec. 2020 - Jul. 2021*
- Leveraged TypeScript to develop robust front-end and back-end solutions using React and Node.js, enhancing the educational platform's user experience and scalability.
- Led as Squad Manager, steering a team of developers through scrum ceremonies and project milestones.

### Trier Sistemas                                              *Tubarão, Brazil*
FULL-STACK SOFTWARE ENGINEER                              *Apr. 2019 - Aug. 2020*
- Rapidly onboarded and joined the engineering team after an intensive three-month training program, showcasing quick adaptability and technical acumen.
- Excelled in delivering high-quality, full-stack solutions using TypeScript, Angular, Java, and Spring.
- Progressed from an intern to a mid-level software engineer within a year.

## Education

### UNISUL(Universidade do Sul de Santa Catarina)             *Tubarão, Brazil*
B.S. IN COMPUTER SCIENCE                                  *Fev. 2019 - Nov. 2023*
- I am currently in my final semester and working on a paper that discusses common bugs found in smart contracts. You can review the current state of my paper here

## Certificates

| | | |
|---|---|---|
| 2021 | **Solidity Bootcamp**, Encode Club | |
| 2020 | **AWS Essential Training for Architects**, Linkedin | |
| 2020 | **Node.js: Design Patterns**, Linkedin | |
| 2020 | **Node.js: Microservices**, Linkedin | |

## Presentation

### Front in Floripa                                         *Santa Catarina, Brazil*
PRESENTER FOR <INTRODUCTION TO WEB 3.0>                          *Fev. 2023*
- Introduced the history of the web and the differences between the web 1, 2 and 3

# Honors & Awards

## AWARDS

| | | |
|---|---|---|
| 2019 | **1st Place**, Hackathon NSC | *Santa Catarina, Brazil* |
| 2020 | **Top 100 Latin American Developers**, Marathon Behind the Code | *Mexico* |
| 2019 | **3rd place**, Hackathon Elo Moonshot | *Santa Catarina, Brazil* |

## COMMUNITY

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|---|---|
| 2020 | **Marathon Behind the Code Ambassador**, Marathon Behind the Code |