

Ana Julia Bittencourt

SOFTWARE ENGINEER

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Summary

I have been working as a software engineer for the past five years. Initially, I started my career as a full-stack developer and became an expert in Typescript. However, I soon realized the need for specialization, which led me to spend two years mastering backend development. My interest in blockchain technology peaked in 2021, and I decided to transition into a full-time role as a blockchain engineer. This year, I have focused on improving my expertise in identifying vulnerabilities in Solidity contracts, as I am particularly interested in security research. I believe that meticulous organization is crucial to success, which is why my approach to work and life is highly systematic.

Work Experience

Boson Protocol

Remote

BLOCKCHAIN ENGINEER

Jun. 2022 - Sep. 2023

- Developed Solidity smart contracts for EVM using ERC/EIP standards such as Diamond (Multi-Facet Proxy), ERC20, ERC1155, ERC721, and EIP712.
- Led the protocol integration with auction systems, order books, and AMMs.
- Managed and maintained production code, collaborating closely with auditors to ensure the highest levels of security and performance.
- Implemented industry-leading CI/CD methodologies.

Web3 Services

Remote

FREELANCER BLOCKCHAIN ENGINEER

Jul. 2021 - Jun. 2022

- Specialized in designing and implementing smart contracts using Hardhat, integrating Chainlink Oracles to increase the reliability and efficiency of decentralized applications.

Ripio

Remote

BACK-END ENGINEER

Jul. 2021 - Jun. 2022

- As a member of the Back-End team, actively contributed to the development of new features, bug fixes, and performance enhancements for a monolithic Express.js server.
- Played a pivotal role in the integration of the back-end with a cutting-edge cryptocurrency trading engine, utilizing Amazon SQS and DynamoDB to enhance transaction processing capabilities.

Rocketseat

Remote

FULL-STACK SOFTWARE ENGINEER

Dec. 2020 - Jul. 2021

- Developed front-end and back-end solutions utilizing React and Node.js, improving the educational platform in terms of user experience and scalability.
- Directed a development team, guiding them through scrum ceremonies and ensuring successful project deliveries within designated milestones.

Trier Sistemas

Tubarão, Brazil

FULL-STACK SOFTWARE ENGINEER

Apr. 2019 - Aug. 2020

- Integrated swiftly into the engineering team after an intensive training program, exhibiting quick learning and adaptability.
- Delivered full-stack solutions in TypeScript, Angular, Java, and Spring, contributing to various high-quality software products.
- Progressed rapidly from an intern to a mid-level software engineer within a year, demonstrating exceptional growth and skill acquisition.

Education

UNISUL (Universidade do Sul de Santa Catarina)

Tubarão, Brazil

B.S. IN COMPUTER SCIENCE

Feb. 2019 - Nov. 2023

- Authored a paper that analyzed and classified 145 bugs identified in Web 3 Security contests such as Code4rena and Sherlock, contributing to the field of cybersecurity research.

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

PRESENTER FOR <INTRODUCTION TO WEB 3.0>

- Introduced the history of the web and the differences between the web 1, 2 and 3

Santa Catarina, Brazil

Fev. 2023

Honors & Awards

AWARDS

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

Santa Catarina,

Brazil

Mexico

Santa Catarina,

Brazil

COMMUNITY

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