

# Renan Freitas Braga

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Full stack & Blockchain Engineer | Expert in Web3, Smart Contracts, and Modern Web Technologies

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## Professional Summary

Experienced **Full stack and Blockchain Engineer** with a strong background in **Web3, smart contracts, and modern web technologies**. Passionate about building scalable, secure, and high-performance applications. Proficient in **JavaScript, TypeScript, React, Next.js, Node.js, Solidity, and Ethereum-based platforms**. Adept at integrating blockchain solutions with traditional web applications.

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## Technical Skills

**Programming Languages:** JavaScript, TypeScript, Solidity, Python

**Frontend:** React.js, Next.js, Tailwind CSS

**Backend:** Node.js, Express.js, Nest.js

**Blockchain:** Solidity, Ethereum, Smart Contracts, Web3.js, Hardhat, Truffle

**Databases:** PostgreSQL, MongoDB, Firebase

**Cloud & DevOps:** AWS, Docker, Kubernetes, CI/CD Pipelines

**Version Control:** Git, GitHub, GitLab

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## Professional Experience

### Senior Full stack & Block chain Engineer

**RioCode Solutions** – Rio de Janeiro, Brazil | Jan 2022 – Feb 2024

- Developed and deployed **Ethereum-based smart contracts** for secure and transparent transactions.
- Designed and built **decentralized applications (DApps)** using **React.js, Next.js, and Web3.js**.
- Integrated blockchain solutions with traditional **backend systems (Node.js, PostgreSQL)**.

- Led a team of Engineers, improving project efficiency and ensuring high-quality code delivery.

## Full stack Engineer

São Paulo DevHub – São Paulo, Brazil | Mar 2020 – Dec 2021

- Built and maintained **scalable web applications** using **React.js** and **Next.js**.
- Developed robust **APIs with Node.js** and improved system performance by 40%.
- Implemented **secure authentication systems** using JWT and OAuth.
- Optimized database queries in **PostgreSQL**, reducing response times by 30%.

## Block chain Engineer

Fortaleza Tech Solutions – Fortaleza, Brazil | May 2018 – Feb 2020

- Designed and deployed **Solidity smart contracts** on Ethereum and Binance Smart Chain.
- Conducted **smart contract audits** to ensure security and compliance.
- Developed **DeFi applications** integrating liquidity pools and staking mechanisms.
- Created **NFT minting platforms** with IPFS storage and metadata management.

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## Education

### Bachelor's Degree in Computer Science

University of São Paulo (USP) – São Paulo, Brazil

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## Certifications & Courses

Certified Blockchain Engineer – ConsenSys Academy

Advanced Smart Contract Development – Ethereum Foundation

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## Languages

GB English – Fluent

BR Portuguese – Native

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## Projects & Contributions

- ◆ **NFT Marketplace:** Built a fully functional NFT platform with smart contract integration.
  - ◆ **DeFi Staking Platform:** Developed a secure staking system for crypto assets.
  - ◆ **Web3 Auth System:** Implemented blockchain-based authentication for dApps.
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