Vinicius Carvalho Guterres

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Profile

Full-stack developer with 4+ years of experience, currently working at the world's 3rd largest electronic monitoring company. I design and maintain real-time systems using React.js, Node.js, and AWS serverless architecture, handling data like audio streams and live location tracking. My work supports 24/7 mission-critical infrastructure, where reliability, performance, and security are essential. I'm also expanding my expertise in distributed systems and cloud-native development to deliver scalable, efficient solutions.

Experience

System Analyst Developer at Spacecom Monitoramento - 08/2021 – Present

I work as a full-stack developer at the world's third-largest prisoner monitoring company, focusing on Node.js and React.js applications. I am responsible for building and maintaining cloud-based applications using AWS while developing highly scalable systems to support large-scale operations. The primary goal is maintaining a 24/7 system that manages critical and sensitive prisoner information. Delivering software that prioritizes reliability, security, and agility is essential to ensure uninterrupted service and high performance.

In my daily work, I manage a wide range of tasks, from small front-end adjustments and bug fixes to resolving platform issues. I also tackle larger, more complex problems that require in-depth analysis and planning, ensuring the system remains stable and efficient. This diverse workload allows me to stay agile while addressing immediate needs and long-term improvements.

Key Technologies: React.js, CSS, Redux, JavaScript, TypeScript, Node.js, NestJS, PostgreSQL, MongoDB, Mongoose, AWS, Linux, Redis, Git.

Spacecom Monitoramento - Timeline
- Mid-Level Systems Analyst/Developer I – 07/2024 – Present
- Junior Systems Analyst Developer II – 01/2024 – 07/2024
- Junior Systems Analyst/Developer I – 07/2023 – 01/2024
- Senior Systems Developer I – 08/2022 – 07/2023
- Software Developer Intern – 08/2021 – 08/2022

Education

- **Positivo University, Curitiba, Brazil**
  Bachelor's Degree in Information Systems
  02/2023 – 06/2025 (In Progress)

- **FIEP, Curitiba, Brazil**
  Bachelor's Degree in Information Systems
  02/2020 – 12/2022 (Program Interrupted)

References

- Github: https://github.com/ViniciusGuterres
- Linkedin: https://www.linkedin.com/in/vinicius-carvalho-guterres/