HIGOR MARTINS

SOFTWARE ENGINEER
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SUMMARY

Software engineer building backend services and web applications with Node.js, TypeScript, Java, Spring Boot, and React. Experience developing REST and GraphQL APIs, event-driven microservices, AWS serverless applications, and automated tests.

TECHNICAL SKILLS

Backend: TypeScript, JavaScript, Java, Node.js, Spring Boot, Express.js, GraphQL, REST APIs
Data and messaging: Neo4j, Cypher, PostgreSQL, MongoDB, MySQL, Redis, Apache Kafka, RabbitMQ
Cloud and tools: AWS (Lambda, S3, SNS, SES), GCP (Pub/Sub, Cloud Storage), Docker, Git, CI/CD
Testing and frontend: Jest, Mocha, Postman, React, Redux, HTML/CSS

PROFESSIONAL EXPERIENCE

pureIntegration — Reston, Virginia, USA (Remote)
Software Engineer | Client: Comcast — Feb 2024 - Present

- Developed Node.js and TypeScript parsers to transform and validate real-time sports data for Xfinity Video Platform (XVP), Sky (UK), Peacock, and other Comcast products.
- Parsed feeds for the 2026 FIFA World Cup and supported data ingestion for soccer, basketball, Formula 1, MotoGP, rugby, cricket, golf, baseball, American football, hockey, and tennis.
- Modeled Neo4j nodes and relationships for player statistics, match results, and team standings while maintaining compatibility with the existing graph schema.
- Optimized Cypher query patterns to improve retrieval performance for large Neo4j datasets.

V8 Tech — São Paulo, Brazil (Remote)
Backend Developer — Jul 2020 - Jan 2024

- Built asynchronous messaging across 5+ microservices with Kafka and Google Cloud Pub/Sub.
- Developed Node.js and TypeScript backend-for-frontend services with GraphQL (Apollo/Yoga), reducing data over-fetching and client load times.
- Built Node.js automation with Kafka and Amazon SNS; implemented S3-triggered bulk processing and AWS Lambda services.
- Resolved memory leaks and stability issues in production Node.js REST APIs, reducing customer support incidents.
- Containerized microservices and databases with Docker, simplifying local development setup.
- Wrote Jest unit and integration tests, achieving more than 90% test coverage.

Brazilian Navy — São Pedro da Aldeia, Brazil
Full Stack Developer — Aug 2018 - Jun 2020

- Modernized a legacy Java EE 6 application for Brazilian Navy aircraft maintenance operations using Spring Boot and React.
- Improved React performance and state management using memoization, caching, Redux, and the Context API.
- Built reporting services and APIs to integrate systems and provide operational performance insights for management.

EDUCATION

Maharishi International University — Jun 2025
Master of Science in Computer Science

Estácio de Sá University — Dec 2020
Bachelor's degree in Information Systems