Alexandre Debortoli de Souza

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SKILLS

- Typescript, Node.js, Sequelize, Jest, Django, Python, C++, Java, Spring boot, SQL, HTML, CSS, Javascript, Git, React, Vue
- Operating Systems, Microservices, Backend, AWS, Web Development, Agile, Docker, PostgresSQL, MongoDB, Docker

WORK EXPERIENCE

SAKS Global: *Software Engineer*   *Nov. 2023 - Current*
- Designed and implemented a robust end-user onboarding platform tailored for international investment, significantly increasing revenue by over 150k+ USD through targeted engagement with LATAM users.
- Pioneered successful migration of security systems from AWS Cognito to Keycloak, not only significantly reducing the company's AWS cost by 12k USD per year but also demonstrated leadership in project management, technical expertise in security protocols, and collaboration across teams for seamless integration.
- Administered deployment process, production infrastructure, and monitoring/alerting systems (Grafana Prometheus/Loki), providing a stable application experience.

SAKS Global: *Software Engineer*   *Oct. 2022 – Nov. 2023*
- Conducted unit and integration testing to guarantee the stability and functionality of applications, which reduced GitHub deployment costs by 45 seconds, optimizing deployment efficiency and decreasing GitHub Actions expenses.
- Created and maintained efficient HTTP Routes (RESTful API) and gRPC APIs for microservices architecture.
- Collaborated with the engineering team to plan, design, and implement new features, ensuring their scalability and quality.

SAKS Global: Apprenticeship   *Mar. 2022 – Oct. 2022*
- Apprenticeship in the SAKS Developer Project program in partnership with UNIVALI, with the aim of pursuing a full-stack developer career path.
- Studied methodologies and technologies including Java (Spring Boot), Vue.js, Docker, PostgresSQL and Object-Oriented Programming.

CERTIFICATIONS

Harvard CS50 Web Programming   *2024*
- Implemented web apps with Python, JavaScript, and SQL using frameworks like Django, React, and Bootstrap.
- Completed 6 hands-on projects including: Wiki, Network (social media Twitter-like clone), Email and E-commerce apps.
- Developed a final project of my choosing: a World Surf League fantasy game. Utilized web scraping to fetch live data for updating scores, events, and leaderboards.

Stanford University Id Coding & Engineering Academy   *2018*
- Immersed in the Autonomous and Self-Driving Robotics Lab, mastering the design, programming, and construction of advanced robotics systems from inception to completion.
- Communicated with a diverse team of peers and mentors to solve complex engineering challenges, fostering valuable teamwork and communication skills.

Army & Navy Academy JROTC Program   *2017*
- Cultivated essential life skills including teamwork, organization, problem-solving, character development, and communication within a structured environment.
- Embraced the values of leadership and service, fostering lasting bonds and a sense of camaraderie among fellow cadets. Prepared to transition into leadership roles, equipped with the skills and mindset to excel as a future leader in various fields.

EDUCATION

Universidade do Vale do Itajaí (UNIVALI)   **SAT: 1400 | TOEFL: 104**

B.S. Computer Engineering

Relevant Coursework: Data Structures, Programming Algorithms I & II, Object-oriented Programming, Relational Databases, Android Mobile Development, Operational Systems, Software Engineering, Computer Organization & Architecture, Statistics, Numerical Calculus.

Languages: English (Fluent), Portuguese (Fluent), Spanish (Proficient)