

Alison Vilela

📍 Mato Grosso do Sul, Brazil ✉ vilela@alison.dev ☎ +55 19 98894-7665 🌐 in/alison-vilela 🌐 https://alison.dev

SUMMARY

Expertise in AWS, Python, TypeScript, Angular, serverless architectures, and cloud security. Proven success collaborating on teams ranging from large corporations 25+ developers to early-stage startups as a solo developer that serves 150,000 requests per month. Seeking to join a company as a Senior Full Stack Engineer to apply technical skills in creating effective software solutions.

EXPERIENCE

Senior Full Stack Engineer | TC Energy

September 2022 - December 2023, Texas, USA

- Built, improved, and automated internal product processes using Python, Angular, AWS, NodeJS, and GraphQL. Created working prototypes for new solutions.
- Collaborated with team members to release updates, generating \$1.24M in January revenue and driving significant growth.
- Design and develop a real-time pipeline using AWS Lambda, EventBridge and RDS to automatically ingest more than 10.000 amount of data per second.
- Optimized AWS infrastructure for scalability, resilience, recovery, and cost-efficiency, achieving 30% cost savings and a 50% performance boost for improved user experience.

Senior Full Stack Engineer | Tenchi Security

November 2019 - August 2022, São Paulo, Brazil

- Built a web application MVP for a third-party risk management platform with 10+ enterprise customers to manage and monitor security across Cloud providers.
- Developed and maintained back-end functionalities in Serverless Framework with TypeScript, and AWS services such as Lambda, Step Functions, DynamoDB and RDS, in a team with 3 developers.
- Engineered and sustained front-end using Angular and SDK in Python from scratch, adhering to recommended Design Patterns.
- Spearheaded cross-functional team collaboration to propose and implement product improvements, leading to the rollout of 4 new EIPCs and features; generated \$3.3M in investment.
- Led the development of a cutting-edge Splunk App and Add-on, enabling seamless integration between Splunk SIEM and Tenchi - Zanshin.
- Mentored a junior back-end developer on the team on Serverless Framework.

Full Stack Engineer | Verizon

February 2018 - November 2019, São Paulo, Brazil

- Integrated Niddel's threat intelligence platform with Security Services Global Products and Solutions team at Verizon, streamlining operations and enhancing cyber threat detection capabilities, in a team with 5 developers.
 - Collaborated with cross-functional teams to rebrand the Niddel product into the Verizon Autonomous Threat Hunting.
 - Led the front-end and Splunk App refactoring with the new style guide in less than 2 weeks.
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EDUCATION

M.Sc in Computer Science with Cloud Security emphasis | Universidade Federal de Mato Grosso do Sul

Campo Grande, MS - Brazil, 2024

B.Tech in Systems Analysis and Development | Universidade Estadual de Campinas

Limeira, SP - Brazil, 2019

CERTIFICATIONS

AWS Certified Cloud Practitioner

SKILLS

Technical Skills: AWS, DevOps, Serverless, Python, Angular, Typescript, Software Engineering, Continuous Integration, Software Development, Cloud Solutions, Cloud Security, Leadership, Mentorship

Languages: Portuguese (Native), English (Conversational)