

# Gustavo Valentim

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## Skills

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**Languages:** JavaScript, TypeScript, C#, Python, Golang, SQL

**Technologies:** Docker, AWS, Azure, Django, React, NestJS, ASP.Net, SQL Server, Postgres, Azure AD B2C, MongoDB, Terraform, Pulumi, AWS CDK, AWS CloudFormation

## Experience

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### Senior Software Engineer, CSG – Remote

2024 – Present

- Developed infrastructure and platform tools to support internal engineering teams, enhancing development workflows and system reliability.
- Migrated microservices using ElasticSearch to AWS OpenSearch, reducing infrastructure costs and simplifying deployment.
- Replaced Redis clusters on ElastiCache for Valkey cluster, reducing costs, memory usage and response times.
- Added mTLS support and improved security validations on the company SSO, increasing security and allowing customers to use SSL certificates to login.

### Senior Software Engineer, ClearSale – Remote

2023 – 2024

- Led the development of a Single Sign-On (SSO) platform using Azure AD B2C and ASP.NET, improving authentication across applications.
- Designed and implemented an onboarding integration for customer registration using .NET Core.
- Developed a Home Realm Discovery feature to allow users to authenticate with their own identity provider.
- Built SSO integration with the company legacy platform, allowing customers to access the platform using an improved sign in experience.

### Senior Software Engineer, Beta Learning – Remote

2021 – 2023

- Contributed to the architectural design of microservices for a Brazilian fintech company.
- Led the development of the STR (Sistema de Transferência de Reservas) integration using NestJS, Docker, and PostgreSQL.
- Designed a CMS for the company products documentation and extra content, allowing customers to have a centralized way of learning about the products.
- Improved CI/CD, Git workflows and docker image builds, improving developer experience and deployment speed.

### Senior Software Engineer, DBC – Remote

2020 – 2021

- Designed and deployed RESTful APIs for service management using Django and MongoDB.
- Built ETL services in Python to preprocess data for analytical systems.
- Developed a dynamic invoice printing feature using [Vue.js](https://vuejs.org/).
- Contributed to APIs that handled storage lockers authentication.

### Senior Software Engineer, Westpoint – Remote

2019 – 2020

- Built and maintained software for different companies using AWS, focusing on serverless technologies such as Lambda, DynamoDB, Cognito and API Gateway.
- Developed infrastructure automation using AWS technologies like CloudFormation and CDK.
- Led the development of a car parts search platform, increasing efficiency of operations teams.
- Developed an ETL tool to process data that would be ingested by machine learning algorithms using AWS Glue and Spark.

**Software Engineer, About Grow – Remote**

2017 – 2019

- Developed plugins for ecommerce websites built with WooCommerce.
- Migrated services to different hosting solutions and automated deployment using bash.
- Automated deployment workflows using shell scripting.
- Optimized websites by applying best practices on static content.

**Software Engineer, Erga Omnes – Remote**

2016 – 2017

- Developed and maintained WooCommerce plugins and ensured compatibility by updating third-party dependencies.
- Automated deployment workflows using shell scripting.
- Built an email notification feature, allowing customers to get the latest updates from their inbox.
- Automated digital content backup, removing the need for manual operations.

**Certifications**

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**AWS Cloud Practitioner**

2020

**AWS Cloud Developer - Associate**

2020