

Pedro Silva

Senior Software Engineer

Brazil, Rio de Janeiro

✉ pedro42augusto@gmail.com | [in linkedin/pedro42augusto](https://www.linkedin.com/in/pedro42augusto) | github.com/pedrooaugusto

Experience

Avalara

Remote

Senior Software Development Engineer

Aug 2025 – Present

- Build backend systems responsible for generating and transmitting compliant fiscal documents and real-time tax reports to government authorities across multiple countries.
- Develop scalable and fault-tolerant services operating under strict compliance and low-latency requirements in rapidly evolving tax environments.
- Exploring LLM-powered tooling to accelerate regulatory change analysis and reduce compliance gaps caused by evolving tax legislation.

Amazon

Remote

Software Development Engineer II

Jan 2025 – Aug 2025

Software Development Engineer I

Jul 2022 – Jan 2025

- Improved and maintained the invoice authorization system for multiple Amazon marketplaces, processing an average of 100 million requests per month.
- Recipient of Amazon's Door Desk Award for developing tooling that reduced government e-invoice connector development time by 40%, accelerating launches from 60 to 24 weeks.
- Designed and implemented a feature to validate the conversion rules that translate Amazon's internal data to the formats required by local governments for invoice issuance.
- Authored design docs, participated in on-call rotations, and scaled systems for peak events like Prime Day and Black Friday, ensuring reliability and engineering excellence.

Viasat

Rio de Janeiro

Senior Full Stack Software Engineer,

Nov 2021 – Jun 2022

Full Stack Software Engineer

Jan 2020 – Oct 2021

- Enhanced user experience by implementing "Add To Home Screen (A2HS)" functionality, enabling offline access to our main web app.
- Upgraded our Jetty-based web-server from HTTP/1.1 to HTTP/2 resulting in better page loading times for our users.

Education

Bachelor in Computer Science, UniCarioca University

Jan 2022

Associate Degree in Information Technology, FAETEC

Dec 2016

Skills

Languages: Java, JavaScript, TypeScript, Python, Golang, Solidity, HTML, CSS

Frameworks/Libraries: Node.js, React, Redux, GraphQL, WordPress, Jest, NextJS, Web3JS

Databases: DynamoDB, MySQL, MongoDB, Elasticsearch

Cloud/DevOps: AWS, Lambda, EC2, ECS, S3, SQS, SNS, API Gateway, CloudFront, GitHub, Docker

Other: REST APIs, Agile, Microservices, CI/CD, On-call support, dApps, Blockchain