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// professional **resume**

*alexander***blagus**

// senior **web developer** frontend & backend (fullstack)

+55 (11) **985227084**
lex@blag.us
https://**blag.us**/
PDF version

46 years old
25 years of work experience
lives in **São Paulo**, Brazil
in **Vila Madalena**, ZIP 05451-010
Portuguese as native language
fluent in **English**
availability for **travel**

technology	years
HTML, xHTML, MD, SVG, XML, …	25
CSS, SCSS, … (pre-processors)	25
Javascript & ES6	23
Typescript	2
React & JSX	5
NodeJS & ExpressJS	11
HTTP & RESTful APIs	11
WebSockets	4
Redux	5
NextJS, Webpack, Gulp (package builders)	7
jQuery	19
DAPP (blockchain, MetaMask, Web3.js, Ganache, …)	2
Styled components, Material UI	2
Oracle	22
Microsoft SQL Server, MySQL, PostgreSQL, …	19
Neo4J & Cypher	11
E2E: Playwright, …	1
Unitary: Jest, Mocha, …	7
Git & SVN	19
Monorepo PNPM	2
Jenkins/GoCD	7
AWS: ECS, EC2, DynamoDB, Lambda, …	11
Telemetrics: Splunk, NewRelic	5
Bash	9
Linux / MacOS	13
Adobe applications	27

“ *He has been determined during the whole process, giving creative solutions for the challenges of the work* ”

– Alexandre Nakasato,
founder of **Nicsware**

“ *Lex is a great professional, has a great technical knowledge, great person to work in groups and has great communication skills. Recommend to the highest levels of projects* ”

– Raquel Oliveira,
services operation manager, **IBM**

“ *Lex is a creative person who works hard to get tasks done on time, and many times earlier than requested. His teamwork and clear personality allow a great atmosphere around and makes easy the job's getting done* ”

– Raul Dandolini,
senior system integration consultant, **Neoris**

b Professional **experience**

// *Applied Blockchain*

Period: jan/2022 ▷ apr/2024 (>2 years)

Title: Fullstack Senior Web Developer

Sector: blockchain technology

About: Specialized in DeFi, Web3, cryptocurrency, and financial services, offering blockchain solutions across industries like energy, supply chain, telecommunications, and retail

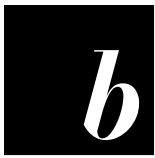**Clients:** Shell, Mishcon del Reya, UppFirst.

Attributions

- Develop dApps that integrate blockchain features like wallet support and NFT rendering;
- Ensure accurate cryptocurrency calculations with multi-decimal values (satoshis/gweis);
- Collaborate with designers to achieve pixel-perfect layouts;
- Coordinate with global teams across different time zones and cultures;
- Present technical progress to clients, addressing questions and discussing next steps.

Achievements

▲ Developed a dApp for a custom cryptocurrency focused on green causes, with features such as minting, airdrop, and coin swaps, along with an admin app for managing the currency;

▲ Built an e-commerce platform linked to NFTs, emphasizing responsive design and detailed layout rendering;

▲ Added and maintained features for a real-time energy trading application, including CSV parsing and product expiry controls;

▲ Recreated the company's static website using a WYSIWYG tool for better team collaboration.

Technologies

- React;
- Typescript;
- Next;
- SQL and TypeORM;
- MUI (Material UI) and Styled components;
- Web3.js, bn.js;
- Metamask and Phantom wallets;
- Truffle suit with Ganache;
- Jest and Playwright.

// *PagSeguro*

Period: oct/2016 ▷ jan/2022 (>5 years)

Title: Senior frontend software engineer

Sector: financial services

About: PagSeguro offers innovative solutions in financial services and means of payment, automating the purchase, sale and wiring process in a simple and secure manner

Attributions

- Implement high-quality web solutions using modern frameworks;
- Collaborate with backend developers to integrate frontend solutions;
- Deploy and maintain applications in cloud environments;
- Work closely with product owners to plan and develop solutions;
- Plan and execute agile roadmaps using Scrum and Kanban;
- Mentor team members through pair programming and code reviews;
- Collaborate with UI/UX teams to create user-friendly designs;
- Support and refactor monolithic legacy systems.

Achievements

- Developed UIs for managing payment subscriptions using Apache Velocity;
- Designed a back-office system for customer segmentation and tax management;
- Built a payment link service using NodeJS and React;
- Developed and maintained a new sandbox website for developer tools;
- Added new payment methods to the legacy checkout system;
- Implemented a WebSockets pooling solution for real-time payment status.

Technologies

- HTML5, JSX, Handlebars, Apache Velocity Template Language (VTL);
- CSS, SCSS, BEM;
- Javascript: React, Redux, NodeJS, ES6, JSON, jQuery;
- NodeJS: ExpressJS for BFF (backend for frontend) and RESTfull API development;
- TDD: test-driven development with Jest, Mocha, Chai, Sinon;
- Package builders: Webpack, NextJS, Gulp;
- Git, Atlassian Stash/BitBucket;
- DevOps: Jenkins, GoCD, Apache Mesos, Docker;
- AWS: ECS, EC2, DynamoDB;
- Telemetrics: Splunk, NewRelic;
- Patterns and methodologies: domain-driven design, Kanban, agile.

b Past **experiences**

xl28
Software design and consulting
CEO and founder
oct/2014 ▷ sep/2016
(>1 year)

▲ Integrated and customized a content management system (CMS), product catalog and payment checkout, chat rooms with high-audience and auto-scalable infrastructure, user forums, self-service announcements editor for buying and selling goods;
▲ Built a customer relationship management (CMS) and enterprise resource planning (ERP) for a metallurgic goods reseller;
▲ Developed a data mining tool to search for airline tickets best prices;
▲ Built, deployed and maintained several e-commerce websites for different publics: fashion, beverage, pregnant/lactating woman and many others;
▲ Integrated a governance software for Itaú bank using the canadian governance solution ChangePoint.
■ **Technologies:** NodeJS, PHP, Microsoft .Net with C# using SVN, Ruby on Rails, MySQL, Wordpress with Woocommerce (providing plugin integration, creation and customization), AWS ECS with auto-scaling, Git and GitLab, Changepoint governance software.
◆ **Clients:** Olé Studio, ClickBebe, Alumicentro, Polycom, Promoção Relâmpago Passagens, Mercovino/Brindisi, Changepoint, Itaú, Akua, Ornitorrinco, ReachLocal, Agilizeware.

Nicsware
Healthcare software startup
Software architect
jul/2013 ▷ jul/2014
(1 year)

▲ Developed a medical record software with flexible form editor, clinical schedule, extensible patient contacts record system; with sharing features between physicians protected via ACL;
▲ Built a framework with web server in Javascript/NodeJS using graphical database Neo4J as data storage; all communication pipelines in JSON and responsive layout;
▲ Created a business plan including financial planning, marketing strategy and selling support materials.
■ **Technologies:** HTML, CSS, jQuery, NodeJS, Neo4J graphical database, AWS.

Neoris
Software consulting services
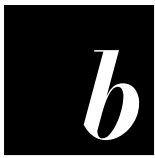**Senior system integration consultant**
jun/2011 ▷ jul/2013
(>2 years)

▲ Developed software for production lines for large factories with special focus in OEE (overall equipment efficency): charts showing the machinery maintenance stop summary and staff production performance;
▲ Upgraded the routing layout of the videowall, a panel measuring 16.6×9.3 meters atthe control center that monitors 24×7 allthe processes of a large-scale siderurgical plant;
▲ Created HDTV dashboards for the port operations tower that controlls the ship's parking, load and unload.
■ **Technologies:** SAP MII, Javascript, .Net C#, HTML, CSS, XML, XSLT, XSD, xPath.
◆ **Clients:** Usiminas, Vale, Gerdau, Videolar, Eternit.

Telefonica
Large scale
telecomunications
Software architect
aug/2008 ▷ apr/2011
(>2 years)

▲ Created a portal with several applications connected to a great deal of data sources for managing installation and repair in telecommunications landlines of corporate customers;
▲ Integrated several databases (Oracle, Microsoft SQL Server, MySQL, …) for online analytical processing (OLAP);
▲ Built a PHP framework using MVC pattern with a UIX interactive styleguide.
■ **Technologies:** HTML, CSS, Javascript, jQuery, JSON, Microsoft SQL Server, Oracle, MySQL, PostgreSQL, Windows Server management.

FastCash
Virtual currency platform
for micro finances
**Software architect
and tech lead**
sep/2006 ▷ aug/2008
(>1 year)

▲ Developed a micro payment gateway system for all payment options available in Brazil, alongside its conciliation logic and digital product delivery: pincodes or electronic credit in partner systems;
▲ Coded deep processual changes in the e-commerce platform, like product composition, checkout process and physical with virtual stock management;
▲ Created an extranet platform for integrated business partners to existing cloud systems for sales and management of digital goods.
■ **Technologies:** Microsoft ASP & IIS, Automated bots using Microsoft RDC, HTML & CSS, Microsoft SQL Server, Microsoft .Net, Windows Server management.

IBM
Technology services and
hardware
**Quality assurance
specialist**
aug/2005 ▷ jul/2006
(11 months)

▲ quality assurance on the website IBM.com (all americas) and intranet W3 (USA);
▲ deployed a skill mapping tool to gather staff abilities and their allocation in projects.
■ **Technologies:** HTML & CSS, Javascript & AJAX, PHP, WebKing.

IBEX
Digital agency
**Frontend developer
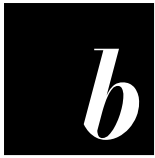and UIX designer**
nov/2004 ▷ aug/2005
(9 months)

▲ Rebuilt the game framework for corporate incentive campaigns with greater modularity, such as skins, score by time or accuracy and many other features;
▲ Built a CMS for user-customizable websites;
▲ Worked on visual identity for products.
■ **Technologies:** HTML & CSS, Javascript, PostgreSQL, Adobe Flash using AFLEX (AJAX for Flash).
◆ **Clients:** Telefonica, Gerdau, Bridgestone/Firestone, Alliance consultoria.

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Santander

Worldwide banking and financial services
Software architect
jun/2003 ▷ nov/2004
(>1 year)

▲ Developed a web application for a diversity of financial dashboards, all deeply customizable;
▲ Prototyped a continental intranet with financial reports, news, documents, photos and more;
▲ Created several management tools, like task status, meeting schedule, document repository, webchat, ….
■ **Technologies:** HTML & CSS, Javascript, Microsoft ASP & IIS, Excel integration.

Chris Cintos

Manufacturer of high-quality seat belts for the automotive industry
Software developer
dec/2000 ▷ nov/2002
(>1 year)

▲ Developed an intranet application with several modules, including human resources, help desk, project management, training, etc.;
▲ Created the company's institutional website.
■ **Technologies:** HTML & CSS, Javascript, Microsoft ASP & IIS, Oracle RDBMS.