

Eduardo Lundgren

Personal info

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Profile

Chief Technology Officer of Liferay Cloud – under my supervision, the company has become ISO 27001 and SOC 2 certified and a multi-million dollar business in less than two years. At Liferay, I am responsible for running several full-stack engineering teams and projects. Throughout my career, I have also led and contributed to several open-source projects, most related to JavaScript libraries and components for building web applications.

Specialties:

- Full-stack Software Engineer Specializing in JavaScript Development
- JavaScript Libraries and Frameworks Architecture and Development
- Engineering Strategy, Vision & Mission Planning
- Product Architecture
- Systems Design
- Cloud Infrastructure
- Computer Vision

Work experience

06/2018 – present
United States

CTO Liferay Cloud

- Created Liferay Cloud to deliver the value of cloud computing to enterprise customers.
- Revamped engineering and operations processes, achieving ISO 27001, SOC 2, and HIPAA.
- Designed and built a PaaS solution for the enterprise market.

06/2008 – present
United States

Board Member for Latin America Liferay

- Co-founded the Latin America branch of Liferay.
- Received three consecutive Great Place to Work® awards in Brazil.
- Managed leadership teams with 100+ people dedicated to Liferay products and services.

04/2016 – 06/2018
United States

Director of Front-End Engineering Liferay

- Created a JavaScript framework that uses Soy template and Incremental DOM to render components when data changes. This technology allowed Java Portlet Specification 2.0 (JSR 286) to use server-side rendering capabilities and modern front-end development experiences.

03/2013 – 04/2016
Brazil

Senior Software Architect Liferay

- Led the development of the jQuery Library integration with Liferay Portal as well as co-created the AlloyUI JavaScript framework based on YUI3 from Yahoo.

Work experience

06/2008 – 03/2013
Brazil

Senior Software Engineer **Liferay**

• I worked as a full-stack engineer and led multi-disciplinary engineering teams and projects.

07/2008 – 06/2010
Brazil

Research Software Engineer **Nokia**

• Created a jQuery-based JavaScript library for Nokia's WRT browser.

01/2004 – 06/2008
Brazil

Software Engineer **Facilit Tecnologia**

• Developed a proprietary CMS used by several government sectors in Brazil.

Education

2011 – 2013

Master of Science in Computer Science **Universidade Federal de Pernambuco**

I have designed and implemented a tracking library for the web that brings different Computer Vision algorithms and techniques into the browser environment without requiring installation of third-party plugins. By using modern HTML5 specifications, it enables users to do real-time color tracking, face detection, and much more.

2004 – 2009

Bachelor in Electronic Engineering of Telecommunications **Universidade de Pernambuco**

Skills

Java

JavaScript

Web Applications

Open Source

Computer Vision

Algorithms

Data Structures

Languages

 English

 Portuguese

 Spanish

Projects

07/2012

tracking.js

<http://trackingjs.com>

Created tracking.js JavaScript library that brings to the web Computer Vision tracking techniques.

01/2010

AlloyUI

<http://alloyui.com/>

Co-created AlloyUI JavaScript framework based on YUI3 from Yahoo. It provides a consistent API and components for building web applications across all three levels of the browser: structure, style, and behavior. Still active and used by big enterprise companies.

- 01/2014 **Custom Elements**
<http://customelements.io/>
Contributed to the initial idea and implementation of a Web Components gallery for modern web applications.
- 02/2009 **Guarana UI: a jQuery-Based UI Library for Nokia WRT**
Created Nokia Guarana JavaScript library, a jQuery-based set of customizable UI elements, application frameworks, and templates that can be used for the creation of user interfaces in Nokia's Web Runtime platform.
- 11/2014 **Senna.js**
<https://sennajs.com/>
Created Senna.js JavaScript library. It is a fast Single Page Application engine that provides several low-level APIs to build and manage routing and navigation for modern web-based applications.
- 10/2017 **WeDeploy**
Created WeDeploy and led business and engineering teams from the start of the project until the end. WeDeploy is a cloud platform that gives developers the infrastructure, services, and hosting capabilities required to build, launch, and scale their applications quickly.
- 12/2012 **jQuery Simulate**
<https://github.com/jquery/jquery-simulate>
Created jQuery Simulate plugin; this library allows the simulation of user interaction using mouse and key events. It also pioneered and popularized unit-functional testing that simulates mouse and keyboard events, like "mousedown".
- 03/2008 **jQueryUI**
<https://jqueryui.com/>
Still listed among the top ten project contributors, led the development of a few core components and website. jQuery UI is a curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery Library.
- 10/2018 **Liferay DXP Cloud**
<https://www.liferay.com/products/dxp-cloud>
Created Liferay Cloud company; also led engineering and business strategies from the start of the project until now, where it has become ISO 27001 and SOC 2 certified and a multi-million dollar company in less than two years. Liferay DXP Cloud brings the benefits of Liferay DXP to the cloud, significantly lessening the need for IT to maintain and manage their infrastructures, so they can focus on delivering new services for the business.
- 01/2016 **Metal.js**
<http://metaljs.com/>
Created Metal.js JavaScript library. It is a lightweight, easy-to-use JavaScript framework that lets you create components with ease, thanks to its integration with templating languages. It uses Soy templates and Incremental DOM to efficiently update and render just the right components when your data changes.
- 01/2015 **WebComponents.org**
<https://www.webcomponents.org/>
Contributed to the initial idea and implementation of WebComponents.org, which catalogs a set of web platform APIs & components.

Tracking Library for the Web
Universidade Federal de Pernambuco
<https://repositorio.ufpe.br/handle/123456789/11652>