

Jurgo Boemo

Fullstack software engineer. Javascript Developer

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Languages

Italian - Native or bilingual proficiency

Friulan - Native or bilingual proficiency

English - Professional working proficiency

Skills

Javascript

Node.js

Typescript

Couchbase

REST API Design

Distributed Systems

React

Next.js

About Me

I have been primarily working with JavaScript / TypeScript since 2010, and I've taken on the role of a team leader several times.

Since 2016, I've been employed as a **Node.js** backender/team leader, working on the **Conversation API** at **Vonage** (part of **Ericsson**).

So now It's all about REST API, distributed real-time systems, scaling multi master db's like **Couchbase** and working with **WebRTC**.

I also work with **React.js**. A crucial aspect of my job is developing demo apps to showcase the potential of the Conversation API. We typically do This with React.js and we have created an **unofficial Conversation API React SDK**.

I occasionally write about software-related topics in my tech blog, **Casual Programming**.

In recent times, I've developed a keen interest in **Rust** and have been actively learning it in my free time. While I lack direct production experience with Rust, I've engaged in minor contributions to the **WebRTC.rs** project and participated in the **Advent of Code 2022** programming challenge.

In my previous job, I primarily worked as a frontend developer, but I also worked as a backender (using JavaScript platforms).

I'm interested in **isomorphic javascript** and I'm really exited about **Reactjs** framework and the **Flux** approach.

I also love to create web ui, fallowing **progressive enhancement strategy** and using the **Javascript unobstrusive approach**. That's probably because accessibility, and interoperability with a wild range of browsers was a must in my past work (I did websites who can be viewed from the **Blackberry 8310** as from the Iphone).

As I told for several years javascript was my main language, but in my "past live" I did some experience with Java and Python.

Resume

Team Leader at **Vonage** (part of **Ericsson**) - January 2018, Present

I was promoted to Technical Team Leader to lead the team behind the **Conversation API** and the **Clients SDKs** (JS | Android | iOS).

As a team leader, I spearheaded the design and execution of real-time communication solutions, scaled mission-critical databases, and designed REST APIs and SDKs, all within the context of a SAAS platform serving prominent software companies.

Given the unique nature of our business and customer base (our clients are developers), business decisions are intricately intertwined with architectural decisions and vice versa.

This required me to work very closely with product and be a key contributor to the tech strategy and business direction of the project.

This role demanded close collaboration with various teams, including SRE (Site Reliability Engineering), Devrel (Developer Relations), Tech Support, and Presales.

As a team leader, I often extended my collaboration to working directly with our customers' development teams, pairing up to help them design and optimize their solutions.

Node.js API developer at **Nexmo** (a **Vonage** company) - November 2016, December 2017

I was Hired as a Node.js developer to work on the **Conversation API** And the **Javascript Client SDK**.

Senior Front End Developer at **Workdigital** (a **DHI** company) - November 2014, November 2016

I was Hired as Senior Frontend developer at Workdigital, a fast-growing start up based in London.

Fullstack Developer as Freelencer - January 2014, October 2014

I built a geolocated chat called CityClub.tv as a JavaScript full-stack developer using NodeJS, socket.io, and AngularJS.

Team Leader at **Usablenet** - August 2010, May 2012

As a team leader, I balanced the workload of a team of developers. Despite this, I carried out the normal duties of a coder, developing web interfaces for mobile devices using JavaScript, CSS, XHTML, HTML5, and XTML, paying particular attention to browser interoperability. I also developed REST APIs using proprietary tools.

Web Developer at **Usablenet** - May 2012, October 2014

As a mobile web developer, I deployed mobile websites for big brands such as Aetna and Carmax using a proprietary platform based on XSLT and JavaScript.

Software Engineer at **Digitalapes** - May 2012, October 2014

I co-founded Digitalapes, a startup company dedicated to the development of a mobile geo-localized community for smart-phone users. My main responsibilities were the design and the development of web sites using **GTW framework**, executing smoke tests and write **cross-compiling for GCC compiler** guides.

Python Web Developer as Contractor at **University of Udine** - July 2006, August 2006

For my bachelord thesis I've helped to deploy an e-government portal developed by the University of Udine for some little town on Friuli Venezia Giulia. After this, I've worked a little bit as contractor in order to fix bugs and fulfill change requests in the post sale phase. Technologies involved in this project were Plone and **Zope**

My Projects

Conversation API functions

A cli tool that will allow you to write simple application for the Vonage **Conversation API** in your local env with minimal configuration. (I wrote an article about it **here**)

Javascript | **Node.js**

JSQuest

An interactive way to learn js. Check the (very old) **code** or **read about it**

Javascript | **React**

ImagesLazyLoading

ImageLoader writed with commonjs+jquery+Promise

Javascript

Win Mover Standalone

A Little utility to enable windows moving keyboard shortcuts on Mac OS.

Projects I've Contributed To

Conversation API

The Conversation API enables you to build conversation features where communication can take place across multiple mediums including IP Messaging, PSTN Voice, SMS and WebRTC Audio and Video.

Javascript | **Node.js** | **Couchbase** | **Socket.io** | **Distributed Systems** | **WebRTC**

Client SDK JS

Vonage Client SDK allows you to build Programmable Conversation applications.

Typescript | **Socket.io** | **WebRTC**

A Contact Center example app

An example of how to implement a very simple contact center. Customer would interact with it via SMS or facebook page, agents would respond using the browser

Typescript | **Node.js** | **Next.js** | **TurboRepo**

A Multichannel chat app

A DIY slack like app, where you can use inapp voice, pstn voice, chat, facebook message, whatsapp and sms. You can also "talk" with openai

Typescript | **Node.js** | **Next.js** | **TurboRepo** | **Google ASR** | **Google TTS** | **OpenAI API** | **Fly.io**

Conversation API React SDK (experimental)

An experimenta Conversation API React SDK. It's a set of React widget and tools that allows customer to quickly Integrate chat and voice in their applications.

Typescript | **React**

Cadoo

Cadoo was a game we did in 48 hours of straight code at the **Nordic Game Jam** 2014

Javascript

Education

Bachelor's degree in Computer Science, Web Information Technologies at **Università degli Studi di Udine** - 2002, 2006

I studied Computer Science, the curricula I choose was Web Infromation Tecnology. My thesis made me implement a web e-government portal using **Python**, **Plone** and **Zope**
