





Eric Smekens

Software Engineer

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Up-to-date version of CV is available at
<https://EricSmekens.github.io/cv>

Residence	 Dorst
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C# ●●●● SQL ●●●● TypeScript ●●●● Node.js ●●●● RabbitMQ ●●●● Kubernetes ●●●●
Angular ●●●● MongoDB ●●●● Flowable ●●●●

Hi, I'm Eric, a lead developer at CM.com working on several messaging related products(SMS, Viber, WhatsApp). I live in Dorst, a small village near Breda in the Netherlands. 🏡

Professional Experience

2023 – Present

Software Engineer at Enexis Netbeheer

Development of several solutions combining Node.js/TypeScript with Flowable (Business Process Management). Working closely with different teams to create, improve, and maintain complex process flows, within the scope of small customers connected on the energy grid. Every mutation on meters and connections (gas and electricity) in Enexis' provinces are processed through these flows, and also responsible for migrating old flows to this new BPM system so that old architecture can be replaced.

Node.js TypeScript MongoDB Flowable

2016 - 2023

Lead Developer at CM.com

Working in the Messaging team within CM.com as Lead Developer. Biggest challenge here is: Complex domain knowledge combined with scale.

Working on several exciting projects: WhatsApp, SMS, Operator Determination, Prices and Smart Message Routing. Using C# (.NET Framework/netcore) daily together with MS SQL, thinking about how we will process, store route millions of messages a day. Writing frontends (Angular/React/Vue.js) to provide internal tooling for the organisation, and using Kubernetes and helm to host hundreds of containers.

Also guiding several other colleagues to grow their personal skills as well, and also communicating and aligning with several big partners as well. (Meta, Vodafone, etc.)

Lead Developer (6B) 01-09-2022 -->

Lead Developer (6A) 01-09-2021 <-> 01-09-2022

Sr. Developer (level 5B) - 01-09-2019 <-> 31-08-2021

Sr. Developer (level 5A) - 01-09-2018 <-> 31-08-2019

Developer (level 4A) - 01-01-2017 <-> 31-08-2018

Jr. Developer (level 3A) - 01-09-2016 <-> 31-12-2016

C# SQL RabbitMQ Angular

2013 – 2016

Software Engineer at Krohne Oil & Gas

Development of HMI software for oil and gas projects. Working with a small team, on a WPF application that allowed colleagues in the project department to design Oil/Gas/Water systems. The resulting design, would then be translated to a Node.js/C# backend with a Knockout.js frontend, where the customers would then be able to monitor and control pipelines etc.

C# Node.js JavaScript

2013

Graduation Internship

Implemented the Webinos Vehicle API based on OBD-II. And created two Node.js packages for communicating with the OBD protocol.

C++ Node.js JavaScript

Education

Avans Hogeschool Breda (Bachelor of Information and Communication Technology, Computer Science (Technische Informatica)) [2009 - 2013]

Additional Experience

JSEP

Used this as a dependency in my first job. Spent some spare time on it, to learn more and try to extend it. Eventually became a collaborator, and now the maintainer of the package. Thanks to the original author as well for the great work, and also for the open source community that works on it.

JavaScript Node.js

OBD

Part of my graduation internship. It perfectly describes the way how I like to work. Learning obd and node.js at the same time, and making something that is shareable to the rest of the community. It is definitely not the best package out there, but it is still a place of shareable information.

C++ Node.js