

Niels Maerten

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Hello, I'm Niels! I turn ideas into code, and coffee into ideas. I spend most of my time working in backend NodeJS projects running on Google Cloud. Any new tech I'm interested in I'll try out in some open-source project. You can check them out below. You may notice many of these projects are basically me trying to cure my Type1 diabetes with Javascript. And I'm nearly there ;-)

Technical Skills

Likes: typescript firebase vue.js node.js google-cloud-platform reactjs javascript docker
Dislikes: sharepoint c#

Experience

Back-end Typescript Developer – [Digipolis Antwerp](#) *Jan 2021 → Current*
typescript, mongodb, kong, docker, continuous-integration

Refreshed the backend services that support customer profiles across City of Antwerp's webapps

Front-end developer – [Belfius Insurance Belgium](#) *Mar 2017 → Jul 2019*
angularjs, css, sass, javascript, vuejs2

Building and maintaining reusable widgets and components used across Belfius' apps and sites.

Web Architect – [Repower by SolarUniverse](#) *Aug 2016 → Jan 2017*
typescript, angularjs, c#, rest

Team-lead developing the web interface to an AI-driven generator for full solar solutions for homes

.NET Consultant – [Amplexor](#) *Nov 2013 → Sep 2016*
c#, k2, k2-blackpearl, k2-smartforms, sharepoint

Education

Applied Computer Science – Karel de Grote University College *Sep 2008 → Jun 2013*

First specialized in 'App Development', then got an additional Bachelor's in 'Software Engineering'

Projects & Interests

Glucose Ticker – <https://github.com/nielsmaerten/glucose-ticker> *Jul 2019 → Current*
electron, reactjs

Tiny electron app that displays my bloodsugar on the taskbar at all times.

Nightscout Status – <https://github.com/nielsmaerten/nightscout-assistant> *Mar 2019 → Current*
node.js, google-home, google-assistant, firebase, vuejs2

Google Home action that allows diabetics to check their sugar by asking Google. Available in 10+ languages with approx 1000 daily users.

Peppermint – <https://github.com/nielsmaerten/peppermint> *Aug 2017 → Dec 2019*
firebase, jestjs, travis-ci, tdd, typescript, google-cloud-platform

A Firebase Functions experiment. Connect your Dropbox, and enjoy an always rotating collection of Earth's best wallpapers.

Nimtone – <https://bitbucket.org/nielsmaerten/nimtone2> *Jul 2013 → Jan 2015*
azure, appharbor, twilio, angularjs, sql-server

Built during the Random Hacks of Kindness Hackaton in 2013. A web application that texts patients an automated reminder when they have an upcoming appointment.

Apps & Software

Glucoc Check – <https://glucocheck.app> *Apr 2021*
reactjs, firebase, actions-on-google, node.js, github-actions

Successor to Nightscout Status. Developed using GitHub's Agile Workflows.

Readings

MSF/ Doctors Without Borders Use Twilio SMS To Help Fight HIV, Tuberculosis In Zimbabwe – Twilio.org – <https://www.twilio.com/blog/2015/03/doctors-without-borders-twilio-org-msf.html>

Blog post by Twilio about Nimtone, a hackaton project I did in 2013