



## Martijn van den Bosch

Senior full-stack developer

Deurne, The Netherlands

For projects and more visit

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Github <https://github.com/martijnvdb87>

CodePen <https://codepen.io/martijnvdb87>

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Self-taught full-stack developer from the Netherlands with over 25 years of experience in web development. Specialized in front-end and back-end development, building scalable and maintainable applications using JavaScript/TypeScript, PHP, and SQL. Passionate about leveraging technology to solve real-world problems. Focusing on practical solutions with a keen eye for detail. Constantly working on personal projects.

## Work experience

**Senior full-stack developer** — Ksyos October 2022 - Present

- **Authorization system** — Added a new authorization system to give more fine-grained access control for healthcare professionals and Ksyos employees throughout whole the medical platform
- **Patient privacy** — Made the medical platform conform to the [NEN 7513](#) patient privacy standard, to ensure patients get full insight into whom is accessing their medical data by implementing developer friendly and scaleable access logging throughout the platform
- **SAML SSO** — Set up multiple SAML SSO's to give healthcare professionals seamless access to partner platforms
- **Medical services** — Succesfully developed and maintained medical services with tight deadlines
- **Testing** — Added a testing utility function to create dummy users with specific permissions to simplify writing unit and integration tests

**Lead full-stack developer** — SkillsTown March 2019 - September 2022

- **Interoperability** — Implemented [LTI 1.3](#) which allowed us to contract the biggest customer in the history of the company
- **SAML SSO** — Automated the [SAML SSO](#) process which reduced the development time from 8 hours to 10 minutes
- **OpenID Connect SSO** — Added [OpenID Connect](#) capability to the platform
- **Frontend** — Rewrote an unstable [Svelte](#) application to a stable [React](#) one
- **Security** — Located and fixed multiple [XSS vulnerabilities](#)
- **Upgrade** — Upgraded the legacy platform from PHP 5 to 7
- **LRS** — Implemented full [LRS](#) capability in two existing platforms (PHP & C# .NET)
- **WooCommerce** — Automated the ordering process between the learning platform and the [WooCommerce](#) webshop

**Owner & full-stack developer** — Monversa Web Development July 2013 - February 2019

- **CMS** — Designed and developed my own Content Management System
- **Servers** — Setting up and maintaining Centos/Ubuntu, Apache/Nginx, PHP and MySQL servers
- **Wordpress** — Built multiple Wordpress sites for small local businesses
- **Plugins** — Created several custom Wordpress webshop plugins

**Full-stack developer** — Innowijs June 2018 - December 2018 (part-time)

- **Interactive tablet tour** — Developed an interactive tablet tour for children visting a museum located in The Hague
- **Online courses** — Added custom interactivity to [Articulate Storline](#) online courses
- **Moodle** — Designed and developed a modern [Moodle](#) theme
- **Library plugin** — Created a custom online library Wordpress plugin
- **Charity site** — Built a Wordpress site for a charity organisation

## Education

**Programming in C# (MOC20483)** — Microsoft Certificate

September 2021 – December 2021 | Utrecht, The Netherlands (Hybrid)

**HBO Informatica** — Avans University of Applied Sciences

2005 – 2006 | 's-Hertogenbosch, The Netherlands | Did not finish

**HBO Communication & Multimediadesign** — LOI

2006 – 2012 | Leiderdorp, The Netherlands (Remote) | Did not finish

**HAVO Nature & Technic (+ Informatica)** — Elde College

2000 – 2005 | Schijndel, The Netherlands

