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
LinkedIn https://www.linkedin.com/in/martijn-van-den-bosch-8a6574190

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

Ksyos October 2022 - Present │ Senior full-stack developer

- **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 comform 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 seemless 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

SkillsTown March 2019 - September 2022 │ Lead full-stack developer

- **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 mulitple 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

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

- **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

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

- **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 libary 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

PHP · Laravel · Javascript · Typescript · React · Vue · Svelte · Web Components · SQL · PostgreSQL · MySQL · MongoDB · Redis · Memcached · C# .NET · HTML · CSS · SEO · UI/UX · Git · REST API · SOAP · OpenID Connect · SAML · OAuth · Wordpress · Moodle · jQuery · Docker · CI/CD · FHIR