Martinus Johannes van Middelaar

Senior Full Stack Software Engineer / DevOps

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Software engineer with over 12 years of experience in software development and operations. I have been a software architect and a developer for both frontend and backend/API. My greatest strengths are coming up with simple tailor made solutions for complex requirements and finding minute bugs in thousands of lines of code. While I love working with the latests technologies, I appreciate legacy applications and maintain them.

Experience

2021-06 - present	**Software Engineer and Senior Technical Mentor** *The Room, ALX Africa, Kenya, Remote* * Mentoring over **ten thousand students** to overcome both technical and personal challenges in video sessions and chat * Organising live coding sessions and reviewing projects in **C**, **Python**, **Javascript**, **NGINX**, **HAProxy** among others. * Creating tutorials and introductions for the **Holberton Inc**. peer learning platform * Create Slack bot in **NodeJS** (PostgreSQL/Memcached)
2019-04 - 2021-06	**Senior full stack software engineer** *SimGroep, Rotterdam, the Netherlands, Onsite & Remote* * Implemented backend **API's** in **PHP Symphony** using **ElasticSearch**, **Redis** and **MySQL** using **TDD** * Developed **ReactJS** frontend * Used Design Sprints to determine initial MVP
2018-05 - 2021-09	**Senior full stack software engineer** *Nationale belasting Adviseurs, the Netherlands, Remote* * Responsible for designing architecture of application for thousands of users * Designed and implement web interface, API and backend logic in **PHP Yii**, using **MySQL** and **Redis** * Create and maintain **CI/CD** pipelines in **Gitlab** * Setup and maintain **webservers**
2017-01 - present	**Senior backend software engineer** *Tecnolux Support, Italy, Remote* * Designed and implement backend **API** in **PHP** and **Python** * Create backend web admin interface in **PHP** * Create and maintain **CI/CD** pipelines in **Gitlab**
2015-11 - 2019-03	**Senior full stack software engineer** *Tremani, Delft, the Netherlands, Onsite* * Developed in-house CMS in PHP using **MySQL** and **Redis** * Consult with clients on (future) improvements
2015-01 - 2015-10	**Full Stack software engineer** *Trix incasso, Leiden, the Netherlands, Onsite* * Developed microservices using **API's** and a web interface with **PHP** and **MySQL**

2013-12 - 2014-12	**Web developer**
	Studio Projectie, *Leiden, the Netherlands, Onsite*
	* Developed in-house CMS in **PHP** using **MySQL**

2005 - present	**Freelance web developer**
	Digital Nomad
	* Created Wordpress and other custom CMS websites
	* Worked on other projects, some of them listed above.

Education

2005	**Religion and Philosophy -** University of Amsterdam, NL.
2004	**Mathematics, Artificial Intelligence -** University Of Utrecht, NL.
2003	**Teacher Mathematics -** Hogeschool van Utrecht, the Netherlands.
2002	**Computer Science -** Hogeschool van Amsterdam, the Netherlands.

Skills

Collaborative - I'm a good listener, building capacity in all team members and aim for a shared understanding to avoid misinterpretations.

Critical Thinking - Using deduction and logic I can pinpoint and for-see possible pitfalls on any level

Creativity - While I love to implement proven methods, I think outside the box to find alternatives that suit the given situation

Agile development - I have worked using the SCRUM methodology in different teams.

Mentoring - I have guided thousands of software engineers, both as a community of SWE's and helping them on an individual level when needed

Tools and languages

PHP (Symphony, Yii)
Typescript (ReactJS, NodeJS),
Python (Django, Flask)
C

Git, Jira, CI/CD

HTML/CSS/SASS

ElasticSearch, Redis, MongoDB, MemCached

Linux [Ubuntu, Debian]

MySQL / PostgreSQL

Cloud [AWS / DigitalOcean]

Docker

Dutch: Native, **English:** Fluent**, Swahili:** basic