



Noel De Martin  
Fullstack Developer

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## Work History

(Psst, if you like blog posts, I wrote one about the first 10 years of my career: [10 Years as a Software Developer](#))



**Self-employed**  
Solid Protocol

January 2025 – now

- Creating a JavaScript framework to make interoperable local-first applications.
- Designed and implemented multiple apps, see [Umai](#), [Media Kraken](#), and [Focus](#).
- Talked about my work at various conferences, see my [talk recordings and slides](#).

**Technologies:** VueJS, TailwindCSS, Laravel, CRDTs, RDF.



**Side Projects**  
[noeldemartin.com/projects](https://noeldemartin.com/projects)

2014 – now

I'm always exploring new technologies and learning with side projects. You can learn more about them in my website, but here's some highlights:

- Worked on the complete lifecycle of products, from inception to release. Such as a service to send printed postcards from an app, or various mobile games.
- Created and maintained an Active Record library for the Solid Protocol.
- Completed freelance work for multiple clients over the years. I've built corporate websites, mobile apps, backend services, internal tools, etc.

**Technologies:** VueJS, Laravel, MySQL, MongoDB, Ionic Framework (Android & iOS), Cordova, Android, Tailwind CSS, Docker.



**Fullstack Developer**  
Moodle

4 years, 9 months (November 2019 – July 2024)

📍 Remote & Barcelona (Spain)

- Worked on the [Moodle App](#), an Open Source app with millions of daily active users.
- Worked on accessibility to achieve various WCAG 2.1AA accreditations.
- Lead the development of the [Apps Portal](#), a billing platform to manage premium app features.
- Improved testing strategy and code quality, see this presentation for details: [Moodle App Testing: Then and Now](#).

**Technologies:** Ionic Framework, Angular, PHP, Moodle, Chargebee.



## Fullstack Developer

MusicList

1 year, 6 months (June 2018 – November 2019)

 Barcelona (Spain)

- Maintained and improved website with more than 200.000 unique monthly visitors.
- Managed integrations with various 3rd party APIs (Spotify, Apple Music, etc.)
- Implemented cross-platform mobile application with React Native.
- Developed and prototyped ideas for new value propositions.
- Coordinated UI/UX and development teams.

**Technologies:** Laravel, MySQL, React Native (Android & iOS), VueJS, Amazon Web Services.



## Co-founder

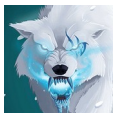
Geemba

1 year, 9 months (April 2016 – January 2018)

 Mataró, Barcelona (Spain)

- Co-founded a startup focused on improving the fitness industry.
- Created an innovative billing system for gyms: “pay per minute”.
- Created SaaS platform to improve communication between gyms and customers.
- Created a microservices architecture with APIs, web apps, and mobile apps.
- Lead software architecture and coordinated the product team (designers and developers).
- Participated in university programs to share industry knowledge with students.

**Technologies:** Laravel, MySQL, MongoDB, Ionic Framework, Vue, Angular, Stripe, Azure.



## Technical Lead

Beast Masters

1 year, 7 months (September 2014 – March 2016)

 Remote (Spain)

- Worked with illustrators, designers, and sound artists to create a cross-platform mobile multiplayer game.
- Created a protocol for real-time communication between mobile devices.
- Created an asset management system to synchronize game assets over the air.
- Used agile methodologies to coordinate a remote team.

**Technologies:** Laravel, NodeJS, MySQL, LibGDX, Android, jQuery, Digital Ocean.



## Software Developer

Toro Intl

2 years (August 2012 – August 2014)

 Taiwan & Spain

- Relocated 5 months to Taiwan for training.
- Implemented UI toolkit from scratch using drawing primitives in J2ME.
- Tutored final degree project in university about True Type Font rendering.
- Defined Android architecture to manage NFC payment widgets using web technologies.
- Debugged and improved proprietary assembly code and virtual machine for J2ME.

**Technologies:** J2ME, Android, Akami ASM (Proprietary language).



## Web Developer

Veziko

1 year (July 2011 – July 2012)

 Mataró, Barcelona (Spain)

- Implemented SaaS platform for restaurants.
- Worked on backend & frontend architecture.
- Participated in entrepreneurship formation programs.

**Technologies:** CodeIgniter (PHP), MySQL, Amazon Web Services, jQuery.

# Education



## Bachelor's Degree in Software Engineering

Universitat Autònoma de Barcelona

3 years (2008 – 2011)

 Sabadell, Barcelona (Spain)

- Completed education on software engineering.
- Took complimentary courses in MOOC platforms such as Coursera, Udacity, etc.
- Collaborated in improving a tuning tool for C++ applications running in parallel as part of final degree project.
- Started a masters degree in Artificial Intelligence and Computer Vision, but didn't finish due to a work opportunity requiring relocation.