

# Michele Riva

SENIOR ARCHITECT · BOOK AUTHOR · GOOGLE GDE · MICROSOFT VMP · INTERNATIONAL SPEAKER

Milan, Italy

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## Summary

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I'm a passionate and experienced software architect from Milan, Italy.

I've been working for almost 10 years in startups, product, and consultancy companies, taking the best from these worlds.

During the last years, I spoke at many international conferences, published many public domain articles (also on distinguished publications such as TowardsDataScience), hosted a podcast, and contributed to many open-source projects. I've also written a book for Packt Publishing on real-world Next.js web applications.

In October 2021, I've entered the prestigious Google Developer Expert program as a Google Cloud Platform expert.

In February 2022 I've been awarded Microsoft MVP (developer technologies).

## Work Experience

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### Nearform

*Remote*

SENIOR SOFTWARE ARCHITECT

*Feb. 2022 - PRESENT*

- Helped large-scale clients to scale their applications and architectures by reviewing their infrastructure, approach, and identifying bottlenecks and points of failure.
- Planned a large part of the NearForm developer relations activities, talking to more than 35 online and in-person conferences about the JavaScript ecosystem, distributed architectures, writing blog posts, and giving workshops worldwide.
- Worked on many open-source projects, including a new full-text search engine built with TypeScript, capable of looking up millions of records in microseconds.

### Paramount

*Remote*

SENIOR SOFTWARE ENGINEER

*Apr. 2020 - Feb. 2022*

- Designed, documented, and implemented the new multi-tenant architecture of ViacomCBS, hosting more than 200 websites (including streaming services, news websites, and smart TV webviews) using AWS, Next.js, TypeScript, and Kubernetes. This allows us to adopt CI/CD with multiple deployments per day in a large team (around 100 developers), with the ability to push a new feature or fix to production in less than one hour.
- Created a custom, real-time, high-performance JavaScript/TypeScript compiling and bundling system, which improved the compiling phase of an entire monorepo by 90%.
- Defined the testing strategies and best practices for the whole web engineering department, leading to a +50% improvement in performance and over 98% of code coverage on a large (>50.000 files) monorepo.
- Led both technical and behavioral interviews of around 50 senior engineers candidates.
- Onboarded, mentored, and trained new colleagues on the current technology stack and coding style guides.

### Packt Publishing

*Remote*

BOOK AUTHOR

*Nov. 2020 - Jan 2022*

- Authored "Real-World Next.js", an advanced book that teaches best practices for building Next.js applications.

### Openmind (Part of Accenture Interactive)

*Monza, Italy*

SENIOR SOFTWARE ENGINEER

*Jan. 2018 - Apr. 2020*

- Designed, documented, and implemented a new architecture for the production line software of our biggest client in the automotive sector using Elixir, TypeScript, and Golang.
- Developed web interfaces for big international companies such as Maserati, Gucci, Fendi, Piaggio, etc., using React.js, Vue.js, TypeScript, and styled-components.
- Led technical interviews and helped hire around twenty developers.
- Advocated for modern technologies adoption, such as ESNext, TypeScript, and Golang by giving internal talks, writing articles, and promoting open-source projects while training and mentoring colleagues.

### GMDE s.r.l.

*Agrate, Italy*

SOFTWARE ENGINEER

*Dec. 2014 - Jan. 2018*

- Developed news websites for some of the most prominent newspapers in Italy, always caring about performance, accessibility, and reliability.
- Developed web applications using PHP Symphony, Ruby, Node.js, React.js and Vue.

### Evolution Graphic

*Agrate, Italy*

SOFTWARE ENGINEER INTERN

*Dec. 2013 - Dec. 2014*

- Developed and published WordPress websites with custom themes and plugins.
- Worked on sysadmin tasks such as VPS setup and CI/CD workflows on DigitalOcean, using GitLab and Jenkins.

## Certifications and awards

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Oct. 2021 **Google Developer Expert**, Entered the Google Developer Experts program in Google Cloud Platform

*Google*

Nov. 2021 **Certified Scrum Product Owner**, Certified by Scrum Alliance

*Scrum Alliance*

Feb. 2022 **Microsoft MVP**, Awarded most valuable professional in developer technologies by Microsoft

*Microsoft*