Michele **Riva**

ENTREPRENEUR · BOOK AUTHOR · MICROSOFT MVP · GOOGLE GDE · INTERNATIONAL SPEAKER

Milan, Italy

(+39) 3457988177 | ✉ ciao@micheleriva.it | 🏠 www.micheleriva.it | MicheleRiva | MicheleRiva95 | @MicheleRivaCode

Work Experience

OramaSearch
Remote (San Francisco, USA)

Co-Founder & CTO — *Mar. 2022 - Present*

- Co-Founded the company and helped the CEO lead investments rounds.
- Hired and managed the operations team.
- Created patents and wrote papers for our IP.
- Led product development with our CEO and our Head of Design, creating a new generation of AI-powered search engine experience that runs one edge networks.
- Represented Oramasearch Inc. at ECMA International as a TC39 delegate.

Nearform
Remote (Waterford, Ireland)

Staff Engineer — *Feb. 2022 - Mar. 2023*

- Conducted architectural reviews for clients to help them save hundreds of thousands of dollars in infrastructure costs each year.
- Established the relationship with ECMA International and TC39, managing workforce for providing polyfills to the new internationalization features of EcmaScript.
- Talked to more than 50 international conferences about JavaScript, TypeScript, Software Architecture, and dozens of other topics.
- Developed and open-sourced Oram, the first full-text search engine capable of running on edge networks. At the time of writing, the project has more than 6000 weekly downloads on NPM and more than 6200 stars on GitHub.

Paramount
Remote (New York, USA)

Senior Software Engineer — *Apr. 2020 - Feb. 2022*

- Designed, documented, and implemented the new multi-tenant architecture of Paramount, hosting more than 200 websites (including streaming services, news websites, and smart TV webviews) using AWS, Next.js, TypeScript, and Kubernetes. This allowed us to adopt CI and CD with multiple deployments per day in a large organization (around 500 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 engineer candidates.
- Onboarded, mentored, and trained new colleagues on the current technology stack and coding style guides.

Accenture Song
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 Group, etc., using React.js, Vue.js, TypeScript, and styled-components.
- Led technical interviews and helped hire around twenty developers.
- Advocated for more 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, Node.js, and React.js.

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

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*