

PERSONAL INFORMATION

Andrea Bergia

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Date of birth 4th Dec 1985 | **Nationality** Italian



PROFESSIONAL SUMMARY

I am an individual contributor with over 15 years of experience, and I have been working at Staff+ level for the past five years. I can effectively lead large scale initiatives, design and implement complex architectures, refactor existing systems, mentor other engineers, and be a technical reference for one or multiple teams.

I am experienced at talking with both internal and external stakeholders, and I am able to understand the business priorities and help deliver working and robust features. I have a lot of experience working in legacy code bases.

I have hands-on experience with various technological stacks, including:

- Java, Kotlin and Spring
- Rust
- React and Angular
- C and C++
- RDBMS, in particular, Oracle, PostgreSQL, and MySQL
- containerization, Kubernetes, AWS, Google Cloud, Terraform
- good knowledge of various other programming languages, including Python, Go, C#

I am a strong believer in automation and testing - I have slowly evangelized one of my previous workplaces to have a culture of CI and automated integration tests.

I can communicate effectively and I maintain a dev blog at <https://andrea.bergia.com>, which has been featured a few times in Hacker News' frontpage.

WORK EXPERIENCES

Sep 2023-present **Sr Staff Software Engineer at ServiceNow**
Working on the JavaScript engine, core of the ServiceNow platform. Improved compatibility with the ECMA-262 JavaScript standard, improved performances, and fixed multiple high impact security vulnerabilities.
Technologies: Java, JavaScript, Compilers, Virtual Machines

Aug 2022-Sep 2023 **Principal Software Engineer at lastminute.com**
Led a multi-team initiative to improve the post-sales processes management, by designing a new architecture with improved process automatization and tracking and integrating a workflow engine.
Technologies: Kotlin, Spring, Typescript, React, GraphQL, AWS, Kafka, Event Sourcing, CQRS, Grafana, Prometheus

2021-2022 **Technical Leader Director at LIST**
Leader of a small team, driving the architecture and technologies used in the 200-people Solutions department of the company. This included:
– defining guidelines and selection of technologies
– trained over 80 developers on Angular, Spring, AWS
– development and maintenance of internal libraries and frameworks, adopted by a dozen teams
– support of other teams during architectural refactoring or design of new applications
Technologies: Kubernetes, Terraform, AWS, GCP, Java, Kotlin, C#, TypeScript, Spring, Angular, .NET, Postgres, Kafka, Redis, GitLab CI, Azure DevOps

2018-2020 **Technical Leader at LIST**
Responsible for the architecture and technologies used in the Intesa Sanpaolo Bespoke department, for about 40 engineers. This included supporting multiple teams on designing and implementing features and new applications; managing periodic checkpoints with the customer; and standardizing various teams on shared technologies and frameworks.
Technologies: Kubernetes, Java, Kotlin, TypeScript, Spring, Angular, Oracle, Kafka, GitLab CI

2011-2018 **Senior Software Architect at LIST**
Worked on multiple products and projects, including:
– developed the core architecture of our liquidity risk management product
– evolved our risk management platform, designing and implementing new features
– helped introduce and spread the culture of unit testing across the company
Technologies: C++, Java, JavaScript, Spring, AngularJS, Oracle, SqlServer, AMQP

2009-2011 **Software Architect at LIST**
Worked on our risk management product by evolving core parts of the platform, including design and implementation of the BPM module of our product. Supported on-site multiple customers.
Technologies: C++, Java, Oracle

EDUCATION AND TRAINING

2007-2009 **Master's degree in mathematics at the “University of Turin”, Italy**
Graduated in July 2009, with a mark of “110/110 e lode” (summa cum laude).

October 2008-March 2009 **Erasmus at the Universität Osnabrück, Germany**

2004-2007 **Bachelor of mathematics at the “University of Turin”, Italy**
Graduated with a mark of “110/110 e lode” (summa cum laude).

2002-2004 **Training for the International Olympics in Informatics**
Achieved 3rd place at the Italian Olympics in Informatics, part of the International Olympics in Informatics. Attended university teacher-led course on algorithms and problem solving.

LANGUAGES

Italian Mother tongue.

English Fluent in English, both written and spoken.

German Basic knowledge of German.