

Curriculum vitae

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://andreasbergia.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. <i>Technologies:</i> 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. <i>Technologies:</i> 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: <ul style="list-style-type: none">– 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 <i>Technologies:</i> 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. <i>Technologies:</i> Kubernetes, Java, Kotlin, TypeScript, Spring, Angular, Oracle, Kafka, GitLab CI
2011-2018	Senior Software Architect at LIST Worked on multiple products and projects, including: <ul style="list-style-type: none">– 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 <i>Technologies:</i> 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. <i>Technologies:</i> 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.