

## Curriculum vitae

### PERSONAL INFORMATION

## Andrea Bergia

+39 329 5712 402

andreibergia@gmail.com

andreibergia.com

<https://www.linkedin.com/in/andreibergia/>

Gender Male | Date of birth 4th Dec 1985

Nationality Italian



### WORK EXPERIENCES

- 2021-present **Technical Leader Director at LIST**  
Leader of a three-people team, driving the architecture and technologies used in the Solutions department of the company. Responsibilities include:
- definition of guidelines and selection of technologies;
  - training of developers;
  - development and maintenance of internal libraries and frameworks;
  - 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 our Intesa Sanpaolo Bespoke team. Worked on multiple projects, including:
- worked on a new microservices web application, embedded in one of our customer's corporate banking portal;
  - developed the architecture and web app of our company's new product for treasury;
  - implemented one new internal application's framework for migrating our legacy products;
  - done technical analysis and architectural designs for a refactoring of a large compliance reporting platform, to move it towards a microservices and event-driven platform.
- 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:
- multiple installations of one of our operative risk management platform, working on the core of the product and on various bespoke modules;
  - developed the core architecture of our liquidity risk management product;
  - designed and implemented the architecture of various bespoke projects;
  - helped 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 mainly on one product, with involvement in multiple projects, in particular:
- evolutions of the product core features;
  - design and implementation of the BPM module of our product, which included integration of a JavaScript VM in our product;
  - on-site technical support, in Italy and abroad;
  - migrated our internal build systems to standard tools.
- Technologies:* C++, Java, Oracle
- 2007 **Part-time developer at Colli Design**  
Worked part-time during my studies

## COMPETENCES

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Software Engineering	<p>I am capable of leading small teams and of being a technical reference point for multiple teams. Able to support sales and marketing when presenting products and technologies to customers, talking with customers' ITs and with end-users.</p> <p>I can think about the company's product strategy and customer's needs when developing architectures, designing, and implementing features.</p> <p>I have been a developer for over ten years and I have working experience with various technologies, including:</p> <ul style="list-style-type: none"> <li>– Java, Kotlin and Spring;</li> <li>– C and C++;</li> <li>– web development, mostly with Angular;</li> <li>– RDBMS, in particular, Oracle and PostgreSQL;</li> <li>– containerization and Kubernetes;</li> <li>– working knowledge of multiple other programming languages, including Python, Go, C#.</li> </ul> <p>I have implemented multiple kinds of applications: web frontends, event-driven microservices backends, batch computations engines.</p> <p>I am a strong believer in automation and in testing - I have slowly evangelized our company to have a culture of CI and automated integration tests.</p> <p>Experienced in developing architectures for new applications and refactoring existing systems.</p>
Interests	<p>I am very interested in current technologies, programming languages, and developers' tools. Lately been very fascinated with cloud and serverless.</p> <p>Non-technological interests include international politics, reading, traveling, and photography.</p>

## EDUCATION AND TRAINING

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2007-2009	<p><b>Master's degree in mathematics at the "University of the studies of Turin", Italy</b>          Graduated in July 2009, with a mark of "110/110 e lode" (summa cum laude).</p>
October 2008-March 2009	<p><b>Erasmus at the Universität Osnabrück, Germany</b></p>
2004-2007	<p><b>Bachelor of mathematics at the "University of the studies of Turin", Italy</b>          Graduated with a mark of "110/110 e lode" (summa cum laude).</p>
2002-2004	<p><b>Training for the International Olympics in Informatics</b>          Attended the Italian Olympics in Informatics, part of the International Olympics in Informatics.</p> <ul style="list-style-type: none"> <li>– <b>2003</b> Achieved 3rd place at the Italian national level. After that attended a two weeks course, given by university teachers, on algorithms and problem-solving.</li> <li>– <b>2004</b> Achieved 16th place at the Italian level. Attended again the same course.</li> </ul>

## LANGUAGES

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Italian	Mother tongue.
English	Fluent in English, both written and spoken.
German	Basic knowledge of German.