CV — SOFTWARE ENGINEER

Matteo Alessandroni

10 YEARS OF PROFESSIONAL EXPERIENCE

SEX	Male	WEBSITE	matteoalessandroni.space
EMAIL	cv.mat [at] pm.me	APACHE MEMBER	Apache Syncope PMC member
LINKEDIN	mat-ale	GITLAB	emme-alex
GITHUB	mat-ale	X	skylark0017

I am an experienced Software Engineer with a Bachelor's degree in Computer Science. Proficient in Java, with a broad skill set spanning JavaScript, TypeScript, Vue.js, hybrid mobile app development, Node.js APIs, Docker containers, and more. Recently, I have been focusing on AI Engineering, building AI-powered software, LLM-based workflows and automations that turn complex ideas into reliable products.

Dedicated to creating side projects and exploring new technologies, I am fascinated by the Python ecosystem. I value the open-source community and have contributed to projects, such as Apache Syncope as a committer and PMC member. I advocate for code quality, testing, and community engagement. My experience includes utilizing open-source tools and operating systems, primarily Debian-based Linux distributions, for work, daily use and for fun.

Skilled in managing diverse tech domains, I leverage open-source router OS for privacy enhancement and security optimization in home networking. Passionate about TV shows, movies, and home entertainment systems, I enjoy configuring open-source software like Jellyfin and Kodi.

Outside of tech, I find solace in playing piano, improvising over my favorite songs, and inventing melodies to relax and maintain creativity. I love spending time with my family and my dogs, running, and hiking.

01 WORK EXPERIENCE

2026-01-18 – Present

AI Engineer

Cleafy · Remote

Software development

Java · Spring · Maven · Git · Apache Kafka · Elasticsearch · Google Cloud Platform (GCP) · Atlassian (Bitbucket, Confluence, Jira) · SonarQube · Slack · OpenAI · LLMs · Claude Code · Gemini · React · Python

About this role

I design and ship production-ready software, AI-powered workflows and cloud architectures that turn complex ideas into reliable products. I build AI-powered features, LLM-based assistants and automation workflows, integrating them with real data, APIs and product constraints.

2024-06-17 – 2026-01-09

Back-end Engineer

Cleafy · Remote

Software development

Java · Spring · Maven · Git · Apache Kafka · Elasticsearch · Google Cloud Platform (GCP) · Atlassian (Bitbucket, Confluence, Jira) · SonarQube · Slack

2023-04-03 – 2024-06-14

Back-end Engineer

software inside · Remote

Software development (customer: TIM)

Java · Spring Boot · Maven · Git · GitLab · Apache Kafka · MongoDB · Google Kubernetes Engine (GKE) · Kubernetes · Jenkins · Ansible

Software development (customers: multiple in the insurance business)

Java · Quarkus · Spring Boot 3.1 · REST · Hibernate · Docker · Kubernetes · Maven · Git · GitLab · PostgreSQL

Activities

- Development of an entire back office web platform (Java 17 + Quarkus 2)
- Development of a back-end middleware REST server deployed as Docker Compose stack (Java 21 + Spring Boot 3.1)
- Development and maintenance of multiple microservices
- Migrations of on-premises services to cloud (Google Cloud Platform)

Some customers I worked with

TIM, Yolo, Intesa Sanpaolo, CA Auto Bank, BIAE

2020-05-04 – 2023-03-31

Java Developer

Alpitour · Remote

Software development

Java 11 · Spring Boot · Spring WebFlux - Reactive programming · Quarkus · Maven · Docker · Git · JDBC · AWS S3 SDK for Java · Azure DevOps · OpenShift (& Kubernetes) · Dynatrace · Kibana

Activities

- Development and maintenance of multiple microservices (batch applications and connector applications communicating to external APIs)
- Migrations of microservices from traditional synchronous to reactive asynchronous programming

2017-04-03 – 2020-05-01

Software Engineer

Tirasa · Pescara (PE), Italy

Software engineering

Java 8 · Linux · Spring Framework · Spring Boot · Maven · Docker · OpenJPA · Networking · SQL · Elasticsearch · Git · HTML · JavaScript · AngularJS · Bootstrap · JQuery · CSS · LDAP · Python · Jira · Bitbucket · GitHub · ServiceNow

Identity & Access Management

Apache Syncope, ConnId, SyncopeAnsible, ConnIdSCIMv1Bundle, ConnIdServiceNowBundle, ConnIdAzureBundle, Apereo CAS

The Apache Software Foundation Community

Obtained the title of ASF Committer and then of Apache Syncope PMC member

Activities

- **Open Source Contributions to Apache Syncope and ConnId**: Actively contributed to the open-source project Apache Syncope and its connectors (ConnId), enhancing its functionality and stability. Some of my contributions are public on GitHub.
- **Customization and Development for Apache Syncope and ConnId**: Led the customization and development of Apache Syncope for various clients, tailoring the product to meet specific business requirements. This involved close collaboration with clients to understand their needs, followed by the design and implementation of customized features, demonstrating my ability to adapt and extend open-source software for enterprise / large-scale software solutions.
- **Support and Bug Fixing**: Provided comprehensive support and bug fixing for Apache Syncope across multiple levels, actively engaging in mailing lists to assist users with technical issues.
- **Refactoring and Design for Apache Syncope v3.x**: Played a role in the refactoring and design process of Apache Syncope version 3, integrating Apereo CAS as the built-in access manager.

Some customers I worked with

Italian Army, iWelcome, PlainID, Istituto Zooprofilattico Sperimentale Abruzzo e Molise, Ospedali Riuniti di Ancona, University of Pavia, University of Helsinki, Azienda ULSS 6 EUGANEA

2016-04-04 – 2017-03-31

Web Developer

New Energy Group (Accenture) · Roma (RM), Italy

Front-end development

JavaScript · CSS · HTML5 · Bootstrap · AngularJS · jQuery · Handlebars.js

Back-end development

Java · Tomcat · SQL · JDBC · SOAP/REST web services · Maven

Some customers I worked with:

Enel, Sky (sport)

2014-11-17 – 2015-02-28

Hybrid Mobile App Developer

Smyrfer · L'aquila (AQ), Italy

Internship carried out during my university career

Goal: re-engineering and fine-tuning of my Red7 TV Series Reminder app, in order to make it suitable for publication on Google Play and AppStore.
Technologies and frameworks I used: JavaScript, CSS, HTML5, PHP, MySQL, Cordova, Handlebars.js, Backbone.js, Moment.js, Underscore.js, jQuery, Slim PHP.

02 EDUCATION

Bachelor of Computer Science (BCS)
Department of Information Engineering, Computer Science and Mathematics, University of L'aquila · L'aquila (AQ), Italy · 2011-2016 · 101 / 110

Scientific High School Diploma
"Enrico Fermi" High School · Sulmona (AQ), Italy · 2005-2010

03 TECHNICAL SKILLS

Programming Languages

Java · JavaScript · TypeScript · PHP · Node.js · Python

Front-end & Mobile

HTML(5) · CSS(3) · Vue.js · Nuxt.js · Vuetify · React · AngularJS · JQuery · Capacitor by Ionic · Cordova · Ionic

Databases & Messaging

MySQL · MariaDB · PostgreSQL · Apache Kafka · Elasticsearch · Kibana · MongoDB

Operating Systems

Linux · Android · Windows · Mac

Back-end Frameworks

Spring Boot · Quarkus · Spring WebFlux · Spring Data · Spring Security · Hibernate · Spring Web · Jmix · Mockito · JAX-WS · Slim PHP · Tomcat · Netty

Cloud & DevOps

Docker (& Docker Compose) · Google Cloud Platform (GCP) · Google Kubernetes Engine (GKE) · Kubernetes · Azure DevOps · GitLab · Jenkins · Ansible · AWS S3 SDK for Java

AI & LLMs

LLMs · Claude Code · Gemini · OpenCode · OpenAI

Tools & Other

Git · Maven · npm · Yarn · JSON · XML · REST / SOAP web services · SSH · Apache Syncope · SonarQube · Puppeteer

04 LANGUAGES

Italian Native — 8/8

English B2 — 6/8

05 SOFT SKILLS

- Time management
- Written and verbal communication
- Ability to work independently and in a team
- Information processing
- Creativity
- Continuous learning
- Problem solving

06 RELATIONAL SKILLS

- I've honed strong teamwork skills since university through project development, internships, and IT work experience;
- Experienced in mentoring and providing guidance to junior engineers;
- Empathetic, fostering a supportive workplace culture;
- Active member of "Azione Cattolica" for over 6 years, volunteering as educator for "ACR" (ages 6-14) and "ADO" (ages 15-19) groups. That led me to deepen relationships with both adults and children, from weekly meetings to summer camps.

07 OTHER SKILLS

- I studied piano (1997 - 2007), then played in concerts as a pianist (2013 - 2015), and I still keep practising regularly, as it remains one of my favourite hobbies.
- I played Basketball (2000 - 2010, I also took part in the Italian C1 league as a forward), competitive swimming (1995 - 2000), athletics (I was under-16 regional champion for the 100-metre sprint in 2006) and self-defence (2012 - 2016).

08 HOBBIES

Playing the piano · Listening to good music · Coding · Watching movies · Watching TV series · Doing workouts · Hiking · Running · Playing and watching basketball · Traveling

09 GROUPS / ASSOCIATIONS

- Member and educator of the "Azione Cattolica" group