GIUSEPPE FILOMENA

Senior Front End Engineer

Zurich, Switzerland (Hybrid)

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• SUMMARY

Senior Software Engineer with 10+ years of expertise in **FinTech and Banking** sectors. Specialized in bridging the gap between complex banking back-ends (Avaloq) and modern, responsive front-end interfaces (Angular). Proven track record in delivering high-stakes digital solutions for Tier-1 financial institutions (Rothschild & Co, Swiss Confederation). Combines technical mastery with Scrum leadership to drive product delivery and optimize user experience.

• CORE COMPETENCIES

FRONT END

Angular (v2-18), TypeScript, RxJS, NgRx, React, JavaScript, HTML5, SASS

BACK END

Avaloq Scripting, PL/SQL, Java, C#, .Net Core, Node.js

TESTING

Cypress (E2E), Jest, Jasmine, Karma

TOOLS & CLOUD

Azure DevOps, AWS, Docker, Git, Jira

METHODOLOGIES

Scrum (Certified PSM), Agile, TDD, CI/CD

• PROFESSIONAL EXPERIENCE

Rothschild & Co
Zurich, Switzerland (Hybrid)

Digital Technology Specialist
Aug 2023 – Present

Leveraging modern web technologies to enhance the "eAccess" digital banking platform.

- **Feature Delivery:** Engineering scalable front-end solutions for the eBanking suite using **Angular 18** and **Avaloq UI-SDK**, focusing on security and performance.
- **System Stability:** Leading critical bug-fixing initiatives, significantly reducing production incidents and improving system reliability for high-net-worth clients.
- **Code Quality:** Enforcing strict coding standards and reactive programming patterns (NgRx) to ensure maintainability.
- **Tech Stack:** Angular 18, JavaScript, NgRx, Avaloq UI-SDK, Angular Material UI.

Avaloq Evolution AG (via Fincons Group)
Lugano, Switzerland

Front End Developer
Sep 2020 – Jul 2023

Played a key role in the modernization of Avaloq's core banking web products.

- **Web Payments Modernization:** Spearheaded the development of the new Web Payments module (**Angular 14**), enabling seamless transaction processing. Implemented rigorous testing strategies (Jest/Cypress).
- **Payment Hub Console:** Collaborated directly with Product Owners and UX Designers to translate complex banking requirements into an intuitive **Instant Payment** interface (Angular 12).
- **Execution Desk:** Enhanced the Securities Trading platform by optimizing data grids (ag-Grid) for high-frequency data rendering (Angular 10).

Triman GMBH / Garaio AG
Chiasso, Switzerland

Full Stack Developer & Scrum Master
Apr 2019 – Aug 2020

- **Product Leadership:** As Scrum Master, facilitated agile ceremonies and coached the team, improving sprint velocity and delivery predictability.
- **Internal Tooling:** Designed and built a custom "Skills & CV Management" platform using **React** and **Redux Saga**, streamlining internal HR processes.
- **GovTech Project:** Maintained the "Mil Office 5" accounting system for the **Swiss Confederation**, ensuring compliance and data integrity using .Net Core.

Avaloq SSL / Avaloq AG (via Fincons Group)
Bioggio, Switzerland

Avaloq Developer
Oct 2018 – Mar 2019

- **Process Automation:** Engineered an automated dispatching system for SWIFT messages using PL/SQL and Avaloq Scripting, reducing manual workload for the Securities Operations team.

Fincons Group
Lugano, Switzerland

Full Stack Developer
Mar 2017 – Sep 2018

- **European Commission Project:** Developed the "Horizon 2020" Open Content Discovery tool.
- **Key Achievement:** Delivered the project successfully under a tight deadline, receiving specific commendation from the client for the UI quality (Angular/Nuxeo).

Avaloq SSL (via Fincons Group) — Bioggio, Switzerland

Avaloq Consultant — Jul 2014 – Feb 2017

- **Start of Career:** Designing, developing and maintenance Banking/Finance applications.
- **QA Leadership:** Responsible for the test management and maintenance throughout the life cycle (SIT, UAT, PROD). Leading all of the software release processes working strictly with customers.
- **Optimization:** improving productivity and speed of the team, automating process developing tools.
- **Tech Stack:** Avaloq scripting, Oracle PL/SQL, VBA, Java, JavaFX, Eclipse Plugin (SWT).

Grifomultimedia srl — Bari, Italy

Web Developer — Aug 2013 – Apr 2014

Clients / Project: Nespresso – E-Learning platform.

- **Key Achievement:** Successful Go-Live in a shortest time with a positive feedback from the Customer.
- **Tech Stack:** PHP & MySQL, Wordpress, Javascript, jQuery, Actionscript 2/3, HTML5, CSS3.

Freelance — Fasano, Italy

Web Developer — Aug 2011 – Aug 2012

Developed 3 web applications for customers including Vimer, Pugliashop.net and Eurotec.

- **Tech Stack:** PHP & MySQL, Javascript, jQuery, HTML5, CSS3.

• EDUCATION & CERTIFICATIONS

Professional Scrum Master (PSM I) — Scrum.org, Lugano (2017)

Avaloq Certified Professional — Avaloq Academy, Lugano (2014)

Bachelor of Science, Information Technology — Università di Bari, Italy (2007 – 2013)

• LANGUAGES

Italian: Native   **English:** Professional Proficiency   **Spanish:** Intermediate