# FABIO SOMAGLIA

fabiosomaglia.com ▪ linkedin.com/in/fabio-somaglia ▪ fabio.somaglia@gmail.com ▪ +39 3495747409

## EXPERIENCE

### Accenture – Full Stack Developer                    Fall 2018 - Present | *Milan*

- Developed web applications in Angular and Svelte used daily by over 23.000 users, supporting core operations for leading European banks
- Engineered a scalable, microservices-based platform with 40+ Spring Boot services, handling thousands of requests per day across 1.500+ bank branches
- Built a SvelteKit application to monitor and forecast component obsolescence, improving supply chain risk management for a major defense contractor and reducing manual analysis time by 70%
- Optimized and refactored legacy applications, reducing execution time by 82%, improving scalability, and enhancing system performance under load
- Designed and implemented normalized database schemas and complex SQL queries to power high-traffic, data-driven applications
- Implemented robust authentication and authorization systems, ensuring compliance with internal security policies and industry data protection standards
- Wrote and maintained high-quality code with comprehensive unit and end-to-end tests
- Authored clear, maintainable technical documentation for all developed applications to support maintainability and team onboarding
- Mentored junior developers through regular code reviews, pair programming, and knowledge-sharing sessions, fostering a collaborative team culture and accelerating team productivity

## EDUCATION

### University of Turin                                         2015 - 2019 | *Turin*

- B.S. Computer Science
- Relevant courses include Artificial Intelligence, Algorithms and Data Structures, Operating Systems, Systems Programming, Computer and Network Security, Computer Networking, Databases, Compilers, Computational Logic, Calculus, and Operations Research

## CERTIFICATIONS

### Amazon Web Services                                         2021 & 2024

- AWS Certified Cloud Practitioner

### R3 Corda Blockchain                                              2019

- Corda Certified Developer

## SKILLS

- **Languages**: JavaScript, TypeScript, Java, HTML, CSS, SQL, Swift, SwiftUI
- **Libraries & Frameworks**: Angular, Svelte, SvelteKit, React, Next.js, Tailwind CSS, Spring Boot, Prisma
- **Tools & Platforms:** Git, GitHub, Netlify, Vercel, Docker, Jenkins, OpenShift, Apache Kafka, Jenkins, Figma
- **Interests**: iOS Dev, UI/UX design, AI, Blockchain

## PROJECTS

### Typing Test App

- Designed and developed a typing speed test for both iOS and web, featuring a native Swift/SwiftUI app with MVVM architecture and a fully responsive Angular frontend
- Implemented a shared Spring Boot backend serving both platforms, deployed on Heroku

### Air Quality Alexa Skill

- Built and released an Alexa Skill that provides real-time air pollution levels for a specific city, enabling users to monitor air quality in their area and make informed decisions about their health
- Developed using the Alexa Skills Kit, AWS Lambda, and Node.js