

Alessio Giulio Corsi Senior Software Developer

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github.com/
fulgidus

English (C1)
Italian
(Native)

Profile

Senior Full-Stack Developer with 7+ years of experience architecting and delivering enterprise-scale applications across banking, healthcare, and insurance sectors. Proven track record of optimizing development processes, including reducing execution times by up to 97% and mentoring junior developers. Expertise in modern JavaScript ecosystems with a focus on scalable, maintainable solutions and best practices in software development.

React

TypeScript

Node.js

MongoDB

PostgreSQL

AWS

REST APIs

Microservices

CI/CD

Professional Experience

QCSNET S.R.L.

01/2023 - Present

Software Developer

- Spearheaded frontend development of an enterprise-grade video conferencing platform supporting up to 16 concurrent participants per session
- Engineered a sophisticated TypeScript-based CRUD table system with automated API integration, leveraging advanced type inference
- Developed and maintained key components within an 11-package Turborepo monorepo architecture
- Implemented high-availability features targeting 99%+ uptime for enterprise clients

React

TypeScript

Turborepo

PostgreSQL

WebRTC

Epicura

07/2021 - 06/2022

Software Developer

- Developed backend features for telemedicine platform serving hundreds of healthcare providers
- Created data anonymization system for secure pentesting environments
- Optimized data deduplication processes, reducing execution time from 4 hours to 2.5 minutes
- Implemented premium subscription system using Stripe API integration

Node.js

TypeScript

MongoDB

AWS S3

Stripe API

Ulix Link

08/2019 - 07/2021

Senior Consultant

- Developed AA-compliant video playback interface for Tokyo 2020 Olympics CMS
- Contributed to Intesa San Paolo's platform modernization
- Participated in frontend development for Edison Risolve customer care platform

Angular 8

React

TypeScript

RxJS

Telematica Informatica

04/2016 - 08/2019

Software Consultant

- Architected critical video identification system for banking onboarding using WebRTC, implementing client-side capability validation
- Developed IoT monitoring interface for agricultural equipment, implementing real-time CAN bus data visualization
- Created Node.js digital ticket generator with cryptographic signing for large-scale event management
- Built Windows Phone museum companion app with multi-threaded audio playback system

React

Redux Saga

WebRTC

Node.js

C#

XAML

Betacom s.r.l.

09/2015 - 02/2016

Junior Developer

- Developed manufacturing quality control dashboard with real-time data visualization
- Implemented secure authentication combining LDAP and SHA-512 password hashing
- Created data processing pipeline for manufacturing statistics using Entity Framework

WCF

Web API

Entity Framework

SQL Server

AngularJS

Education & Certifications

edX - Introduction to Project Management 2024

Verified Certificate
Certificate ID: ae7374a890f64b34bbff16b46096eece

Google Data Analytics Specialization 2024

In Progress

ITS ICT Piemonte 2013 - 2015

Higher Technical Diploma - Mobile App Design
EQF level 5

British Council 2013

IELTS - Score 7.5/9 (C1)