Luca Scala

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ABOUT ME

Software Engineer
Since 2012

Visionary software engineer, focused on business needs and able to lead IT teams in the successful direction. Creative and curious by nature, always one step forward in identifying simple solutions to reach goals. Inspiring team leader, always available to help and grow the whole community.

LAST EXPERIENCES

Smart People Srl
Jan 2022 – Present | Head of Engineering

Building an internal IT team • Migration of the existing infrastructure to the cloud • Design of an automated test suite using Cypress • Implementation of automated jobs to integrate with external systems • Configuration of a Jenkins instance to automate IT operations • Design of a queue system which improved the Back Office unit efficiency • Redesign of the internal PWA, while migrating from Ionic 4 to 6 (Angular 14) • Support to the Analysis team, providing Jupyter notebooks and APIs to fetch data

Swiss Re
Apr 2020 – Dec 2021 | Software Engineer
Contractor via Fincons Group

Focus on the new Property&Casualty reinsurance system • Driving a team of IT professionals in Agile way • Discussing features with Business Owners and keeping track of the progress • Feature release management and support • Running the internal Architecture Forum, driving discussions while identifying new possible solutions

UN International Computing Center
Nov 2019 – Mar 2020 | Software Engineer
Contractor via MCA

Design and implementation of an EWER system to collect and analyze media information during elections in developing countries

AXA Assicurazioni
Oct 2018 – Nov 2019 | Software Engineer
Contractor via Fincons Group

Migrating features from a legacy application to a new system • Collecting business needs togheter with the functional team and sharing across the dev • Performance optimization of the database, to tune up the dashboard response time

SKILLS

Solution Architect
Ability to understand business needs and design efficient and simple solutions to accomplish that needs. Use of Cloud platforms and services to offer flexible and efficient solutions.

Back End · Front End · Integration · Testing · Microservices · Cloud · API Design

JavaScript and TypeScript
Deep knowledge of the language, its mechanism and the ecosystem. High level of expertise with TS and its type system.

Node · Angular · Ionic · Nest.js · Cypress

Relational Databases
Ability to design databases and structure data, with an eye on the performances. Able to optimize query to support real-time dashboards and scheduled reports. SQL scripting to automate data analysis and reporting.

MS SQL · MySQL · SQLite

Team Organization
Able to drive the IT team to higher performance and efficiency, through different strategies and actions. Moderator of forums for sharing technical topics and give the team the proper time/inputs to analyze what can be improved in the development process.

Technical Forums · Pair Programming sessions · Collective PR reviews

Other
Git · Docker · Bash · Linux · CI/CD · PHP · .NET · NoSQL

CONTACTS

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