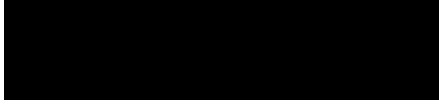


OMAR ROTA

CTO | Architect | Urban Regeneration | Digital Platforms & Innovation



PROFILE

Architect and entrepreneur with a multidisciplinary background spanning architecture, urban regeneration and digital innovation. Graduated in Environmental Architecture and specialized with a Master's Degree in Architecture at Politecnico di Milano, with international academic experience in Spain and Chile.

Over the past decade, I have collaborated with leading architecture firms such as Operastudio Magni Paci Architetti, Elemental (Alejandro Aravena) and El Equipo Mazzanti, developing strong expertise in sustainable design, residential and educational buildings, and large-scale urban planning.

Since 2017, I have coordinated the activities of Needle – Agopuntura Urbana, focusing on tactical urbanism and regeneration strategies. In 2020, I co-founded TerraViva, an international architecture and design competition platform, where I lead the company's technical vision and product development as CTO.

CORE SKILLS

- Architectural Design
- Urban Regeneration & Tactical Urbanism
- Sustainable Architecture & Environmental Strategies
- Business Development
- Web Project Management
- Digital Strategy & Platform Development
- International Project Coordination

LANGUAGES

- Italian (Native)
- Spanish (Professional Working Proficiency)
- English (Professional Working Proficiency)

PROFESSIONAL EXPERIENCE

Terraviva Srl – Milan, Italy

CTO & Co-Founder | Jan 2020 – Present

Terraviva is a global platform connecting architects and designers with B2B & B2G clients through international design competitions.

Key achievements:

- Built and scaled a platform with 90,000+ active architects and creatives
 - Competitions attracting participants from 80+ countries
 - Developed collaborations with leading international firms and juries, including: Stefano Boeri Architetti, EMBT Miralles Tagliabue, Andrea Branzi, Sauerbruch Hutton, El Equipo Mazzanti, Zaha Hadid Architect
-

Needle – Agopuntura Urbana – Milan, Italy

Project Manager | 2017 – Present

Needle is a multidisciplinary design group focused on urban regeneration and tactical interventions in neglected and underused public spaces.

Main activities:

- Coordination of projects involving local communities, public administrations and privates
 - Development of regeneration strategies for abandoned or degraded urban areas
 - Promotion of design approaches aimed at increasing social inclusion and urban livability
-

OPERASTUDIO (Magni Paci Architetti) – Milan, Italy

Architect | Jun 2016 – Dec 2023

Operastudio is an architecture firm specializing in residential, commercial and cultural projects, with a strong academic and research-oriented background.

Main responsibilities:

- Architectural design and development across multiple scales
 - Project coordination and collaboration with multidisciplinary teams
 - Contribution to concept development, design detailing and project documentation
-

El Equipo Mazzanti – Bogotá, Colombia

Resident Architect – UCBM Masterplan Design | Apr 2018 – Jun 2018

El Equipo Mazzanti was selected among international architecture pools for the redevelopment of the University Campus Bio-Medico of Rome.

Key contributions:

- Development of sustainability-oriented masterplan strategies
 - Integration of urban design principles with functional campus planning
 - Support in design research and spatial planning development
-

SSA – Scandurra Studio Architettura – Milan, Italy

Architect | Feb 2016 – Apr 2016

Scandurra Studio is an international architecture practice focused on contemporary research and design across architecture, urban planning and interior projects.

- Architectural and urban design development
- Research support and project production

Atelier Bruno Vaerini – Bergamo, Italy

Assistant Architect | Mar 2015 – Feb 2016

Collaboration within a studio combining architectural design and artistic research.

- Support in architectural design development
- Assistance in drawings, models and concept production

ELEMENTAL (Alejandro Aravena) – Santiago, Chile

Intern Architect | Nov 2014 – Feb 2015

Elemental is internationally recognized for its work in social housing and sustainability-driven architecture.

- Participation in design development activities
- Collaboration on community-oriented architectural strategies

Klotz y Asociados LTDA – Santiago, Chile

Intern Architect | Jul 2014 – Sep 2014

Architecture firm recognized internationally for minimalist design and modernist approach.

- Support in architectural design development
- Participation in research and project production

EDUCATION

Politecnico di Milano

Master Degree in Architecture

Advanced training in architectural design, developing theoretical, humanistic, artistic and technical competences rooted in the Italian tradition, with a strong focus on contemporary challenges.

Main topics:

- Different housing cultures and contemporary city spaces
- New urban settlements in developing countries
- Innovation in building techniques
- Environmental sustainability

Key skill: Architectural Design

Politecnico di Milano

Bachelor's Degree in Environmental Architecture

Multidisciplinary program focused on sustainability and landscape design, exploring the relationship between urban transformation, environmental systems and architectural detail.

The program covered multiple scales: from urban planning to construction technologies, with workshops, study trips and summer schools.

Key skill: Architectural Design

Università Bocconi

B4i – Bocconi for Innovation (Startup Accelerator Program)

Structured program supporting startups from prototype stage to product–market fit.

Main focus areas:

- Product definition and validation
- Team building and strategic positioning
- Connections with industry experts and advisors
- Fundraising preparation

Key skills: Web Project Management · Business Development

INTERNATIONAL ACADEMIC EXPERIENCE

Universidad Central de Chile (UCEN)

Extra-European Exchange Program | Mar 2014 – Mar 2015

Academic program focused on architecture design and construction techniques, with emphasis on spatial quality in both urban and architectural contexts.

Key skill: Architectural Design

Universidad Europea de Madrid

Erasmus Exchange Program | Sep 2011 – Jul 2012

Program in Fundamentals of Architecture, focused on:

- Relationship between people, buildings and environment
- Human-scale design principles
- Building technologies and climate comfort strategies
- Structural and construction concepts

Key skill: Architectural Design

CERTIFICATIONS & SPECIALIZED TRAINING

ETH Zürich (ETHx)

Future Cities (FC-01x)

Course focused on understanding cities as complex systems, analyzing people, components, functions, scales and dynamics as a foundation for sustainable urban design and management.

Key skill: Architectural Design

Google Analytics Academy

Advanced Google Analytics

Advanced training on how data is collected and processed into readable reports, including:

- Custom dimensions, custom metrics and event tracking
- Segmentation and advanced audience analysis
- Channel reports and custom reports
- Remarketing and dynamic remarketing strategies

Key skills: Web Project Management · Digital Marketing

IBM

DA0100 – Data Analytics Basics

Training on the components of a modern data ecosystem, including:

- Data structures, file formats and repositories
- Role of Data Analysts, Data Scientists and Data Engineers
- Big Data fundamentals and processing tools

Key skills: Web Project Management · Digital Marketing

IBM

Introduction to Web Development with HTML5, CSS3 and JavaScript

Course covering cloud development terminology and web programming foundations, including hands-on training in:

- HTML, CSS and JavaScript
- Developer tools and IDE usage
- Front-end, back-end and full-stack development concepts

Key skill: Web Project Management

The University of Queensland (UQx)

DENIAL101x – Making Sense of Climate Science Denial

Course aimed at increasing understanding of climate science denial and equipping learners with critical thinking skills to identify and refute climate myths, developed with the Global Change Institute via the edX platform.

Personal Data Processing

In accordance with Regulation (EU) 2016/679 (GDPR), I hereby authorize the processing of my personal data contained in this curriculum vitae for recruitment, evaluation and professional contact purposes.