

Name	Andrea Reni	https://x71c9.com
Email	*****	https://github.com/x71c9
Profession	Senior Software Engineer Solutions Architect	https://instagram.andreareni.com https://www.linkedin.com/in/andreareni
Year of birth	1986	https://www.credly.com/users/andrea-reni/badges

01. BIO

Andrea is highly passionate about the software engineering industry. He loves building and working on colossal and complicated infrastructures.

Andrea has a mathematics background and is proficient in an array of programming languages. For more than ten years, he has been delivering high-quality and user-rich solutions for clients all around the globe.

04. POSITIONS

2024 - Now // Assist Digital

Solutions Architect

<https://www.assistdigital.com/>

Designing, developing and deploying scalable and resilient architectures, ensuring optimal performance, security and flexibility.

2023 - 2024 // Assist Digital

Senior back-end engineer

<https://www.assistdigital.com/>

Designing, developing and deploying the whole infrastructure for delivering the AI services built by the AI team.

2022 - Now // Toptal

Freelance back-end engineer

<http://toptal.com>

Designing, developing and deploying applications and backend system of all kinds as one of the best top 3% developer in the world.

2022 - 2023 // Botshelf

Senior back-end engineer

<http://botshelf.ai>

Designed, developed and deployed the whole infrastructure for delivering the AI services built by the AI team.

2014 - 2022 // Socialrise

CTO - Chief of technology office

<http://socialrise.de>

Developed and deployed dozens of web apps for clients worldwide. Created an augmented reality application for the fashion brand Fila. Built an augmented reality application for the fashion brand Santoni. Made an audio installation for the brand Nemozeta at Dubai Design Week.

2011 - Now // x71c9.com

Software Architect

<http://x71c9.com>

Developed 100+ websites for clients all around the globe. Built a framework used by hundreds of websites and eCommerce that helped my clients earn more than €1 million. Developed a digital audio synthesizer called ZEPHIR. Developed multiple audio interactive installations. Developed multiple live video installations with custom shaders and 3D models.

2012 - 2015 // IED Milan

Professor of software dev. and web communication

<http://ied.edu>

Acted as a lecturer on the Web Communication course. The full path of the course allows students to address all phases of developing an internet website. Held classes for dozens of students in the programming language PHP and the database MySQL. Taught dozens of students the markup languages HTML, sheet style language CSS, and programming languages JavaScript.

02. CERTIFICATIONS

2023 - Amazon AWS Solutions Architect Associate

<https://www.credly.com/badges-670bd134-b5ef-44aa-a6d8-4707d87f08d4>

03. AWARDS

2019 - Developer Awwward 09 June 2019

<https://www.awwwards.com/>

2019 - Site of the Day Awwward 09 June 2019

<https://www.awwwards.com/>

04. EDUCATION

2005 - 2009 Bachelor in **Mathematics**

Università degli Studi di Roma La Sapienza

05. LANGUAGES, LIBRARIES, SOFTWARES, HARDWARES, API

JavaScript, MongoDB, Node.js, **TypeScript**, AWS SDK, **AWS CLI**, Amazon DynamoDB, Apache, cPanel, CSS, Full-stack, HTML, Linux, MySQL, PHP, **Software Architecture**, Sass, Arduino, Bash Script, Docker, Express.js, GLSL, Max/MSP/Jitter, Processing, Raspberry Pi, Three.js, WebGL, Augmented Reality (AR), **Vim**, Knex.js, Touch Designer, **Amazon Web Services (AWS)**, Apollo Server, Cloud Firestore, Gitlab CI/CD, Github CI/CD, DevOps, Firebase, Google Cloud Platform (GCP), GraphQL, PostgreSQL, Python, TensorFlow, Zsh, Nuxt.js, Vue, **Serverless Architecture**, Amazon CloudFront, Amazon Cognito, Amazon SQS, API Gateways, AWS SNS, **FFmpeg**, GPG, HAProxy, launchd, Puppeteer, Serverless Framework, SOX, Systemctl, AstroJS, **Rust**, C++, Java, and many more.

06. LATEST IN REAL LIFE WORKS

2021 [**Oviedo, Spain**] <https://andreareni.com/asturias>

Video installation for **Princess of Asturias Awards 2021** in collaboration with MAEID and LOREM.

2021 [**Venice, Italy**] <https://andreareni.com/venice-biennale>

Video installation for MAEID project presented at the **Venice Biennale** of Architecture in collaboration with LOREM.

2020 [**Melburne, Australia**] <https://andreareni.com/psycotropic-topologies>

Lecturer at **Architectural Association School of Architecture** for the Psychotropic Topologies summer course.

2019 [**Linz, Austria**] <https://andreareni.com/eye-of-the-other>

Audio video installation at **Ars Electronica** with a machine learning neural network that generates nectar feeding bat echolocations when are pollinating flowers.

2019 [**Berlin, Germany**] <https://andreareni.com/movimento>

As Nuova Astrazione - Audio video and live painting concert in collaboration with Domenico Romeo and Alessandro Adriani.

2019 [**St. Petersburg, Russia**] <https://andreareni.com/virtua-posse>

Augmented reality exhibition for Virtua Posse show GET REKT and a demo scripting video for **ФОРМАТА** at RAF25.

2018 [**Dubai, United Arab Emirates**] <https://andreareni.com/nzena>

Interactive audio installation for Nemozeta's project Aglow at the **Dubai Design Week**.

2018 [**St. Petersburg, Russia**] <https://andreareni.com/nether>

Visual effect for Gianluca Lonigro - gianlucalonigro.net - typeface video exhibited at the event Cruel Letter.