

ANDREA VALENZI

Cloud Architect

📍 Rome
☎ +39 393xxxx
✉ andrea.valenzi@me.com

🌐 valenziandrea.com
🔄 andreaValenzi
🌐 andrea-valenzi

WHO AM I?

I am a professional in software engineering, with many years of experience. I have a great passion for my job.



EXPERIENCE

- 2021 – Present **Software Engineer** Cubbit
I focus on the Object Storage S3 Compatible product working in the core team.
TypeScript / Nestjs / Postgres / Datadog / Flywaydb
- 2020 – 2021 **Cloud Solutions Architect** Exelab
Designing and helping the implementation of well-architected distributed systems that are scalable, resilient, efficient, and fault-tolerant with Azure, AWS and Nodejs.
Using DevOps methodologies as CI/CD and IaC.
Mentoring and Leading.
Node.js / AWS / Azure / RDS / Api Gateway / Lambda / DynamoDB / SQS / CDK / CloudWatch / Serverless Framework / Bitbucket Pipelines / S3 / CloudFront / Redis / TDD / Docker / Pair Programming / Express.js / Fastify / Postgres / Azure Cosmos DB / Azure function / Azure Service Bus / Azure Virtual Machine Scale Set / PM2 / Linux / EC2 / Azure App Service
- 2015 – 2020 **Lead Backend Engineer** Rebrandly
Leading a backend and devops team to implement new software architectures.
The architectures are designed to be distributed, scalable and event driven with the most advanced technologies available: NodeJS, AWS lambdas, AWS API Gateway, AWS Elastic Beanstalk, AWS SQS, AWS SNS, Jenkins, MYSQL, PM2, Redis, Express.js, Seneca.js, Java, Python, Elastic Search, AWS S3 etc. Implementing efficient and reusable modules, making sure best practice is being followed within the teams.

In charge of code development, architectures, software design and design patterns, performances, standards and tests, I work in a multi-disciplinary team with Product owners, Project Managers, Frontend Developers, Designers and testers, providing time estimation and the roadmap to assist in the features planning.

My role includes maintaining the team focus on performances, acquisition and ROI. I also Identify, communicate and resolve issues, opportunities or problems to maximize the benefit of IT and Business investments.
Node.js / AWS / Linux / RDS / Api Gateway / Lambda / DynamoDB / SQS / SNS / CloudWatch / Elastic Beanstalk / Gitlab Pipelines / S3 / Elastic Search / Redis / Docker / Percona Toolkit / Express.js / PM2 / Python / EC2 / MYSQL
- 2014 – 2015 **Backend Engineer** Alfredata
Development of an automatic crawling system in jRuby using machine learning algorithms for a Crowdsourcing Large scale Data Extraction that bridges Unsupervised and Supervised Approaches
Ruby on Rails / MongoDB

3/2014 – 6/2014	Participant Design and development of Android app that allows to challenge friends by a video or a photo. For this project I won a trip to visit some popular startups in New York. Android / Java	InnovAction Lab
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EDUCATION

2010 – 2013	Bachelor's degree Software Engineering	Università degli studi Roma TRE
2005 – 2010	High School Diploma Computer Science	ITIS Michael Faraday

CERTIFICATIONS

2020	AWS Certified Solutions Architect – Associate	Amazon Web Services (AWS)
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LANGUAGES

Italian - native
English - proficient

HOBBIES

I love horse riding