

ANDREA VALENZI

Cloud Architect

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WHO AM I?

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



Agile Scrum DevOps SRE Leading Mentoring



EXPERIENCE

2022 – Present	Software Engineer I work in the network team. It has the responsibility of designing and developing the cell's software, the upload/download protocols and the backend related to them. C++	Cubbit
2021 – 2022	Software Engineer I focus on the Object Storage S3 Compatible product working in the core team. TypeScript / Nestjs / Postgres / Datadog / Flywaydb	Cubbit
2020 – 2021	Cloud Solutions Architect 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	Exelab
2015 – 2020	Lead Backend Engineer 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	Rebrandly

2014 – 2015	Backend Engineer 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	Alfredata
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

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