

Vincenzo Marcella

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SUMMARY

Cloud Engineer with now 5+ years of experience, with a particular focus on AWS Cloud services, and technologies, together with the Serverless Framework. Highly proficient in a variety of programming languages, and experienced with multiple tools and techniques. Well versed in the entire process that goes from ideation to deployment of a product. Specifically skilled in identifying the right solution given the request, and delivering a highly efficient, well documented, and maintainable deliverable. Very active in the developer community helping to organise events and meetups while also actively speaking. Spreading expertise and knowledge usable to people of all skill ranges.

EXPERIENCE

Serverless Guru - Serverless Developer

January 2023 - Current

Serverless Guru is a US based consulting company, focused on serverless technologies. Its aim is to ensure that each and every one of its clients can easily and painlessly pivot from legacy technologies to state of the art infrastructures, while also revising organisation-level practices and structures to maximise results. Furthermore, Serverless Guru is also very active in the community by creating courses, content, and various tools; all fully available to the serverless community. It boasts a global team, spanning all continents, comprised of highly skilled individuals, with the ability to work in organisations at all scales, from Fortune 500+ clients to up and coming startups. My current role in this company, is to aid clients at all levels, from development, to architecture, and organisation while also helping on the community side by hosting panels, writing articles and attending events.

Tools and technologies used:

- AWS services: Lambda, DynamoDB, S3, Step Functions, SNS, SQS, Eventbridge, Appsync, API Gateway, Cloudfront, IAM, Cognito, Cloudformation, Cloudwatch, X-ray, MSF, Amazon Connect, RDS;
- Other tools: Serverless Framework, GitHub Copilot; Amazon Q
- Programming Languages: NodeJS, TypeScript, Python, Apache VTL, Java.

Air Canada - Serverless Developer Consultant (thorough Serverless Guru)

January 2023 - Current

Air Canada is Canada's leading airline. With a multi billion dollar revenue stream it is essential to have a solid enterprise IT infrastructure. My current role in this company is to design infrastructure, develop, and supervise the various teams to ensure that all the best practices are being put in place. A special focus has also been put on cost-optimisation, and the maximisation of productivity, employing various analysis and AI tools as needed.

Furthermore, as requested by Air Canada, I've also done various knowledge transfer sessions to educate the team in the various possibilities that all sorts of serverless tools can open up.

Tools and technologies used:

- AWS services: Lambda, DynamoDB, S3, Step Functions, SNS, SQS, Eventbridge, Appsync, API Gateway, Cloudfront, IAM, Cognito, Cloudformation, Cloudwatch, X-ray, MSF, RDS;
- Other tools: Serverless Framework, GitHub Copilot, Amazon Q;
- Programming Languages: Nodejs, Python, Apache VTL, Java.

CB Digital Company(Chiamarsi Bomber) - Back end Tech Lead

November 2022 - January 2023

CB Digital Company is the parent company owner of the Chiamarsi Bomber multimedia infrastructure. Its main goal is to spread information about the sport of football in a relatable and fun manner, aiming to engage all demographics with innovative and exciting content. Its latest endeavour being the creation of a gamification app, aiming to enhance the user's knowledge of the game through the usage of statistics, and trivia. My main goal in this experience, was to lead the team in making the correct technical choices, while also aiming to modernise the current legacy code.

Furthermore, I've also predisposed the team for an early and efficient product delivery, by ensuring that all the processes and all the best practices were being followed, while entering the last part of the development cycle.

Tools and technologies used:

- Tools: Serverless Framework, Kubernetes, Docker, MongoDB, Redis;
- Programming Languages: NodeJS, Typescript, Python, Java.

Starting Finance - Cloud Engineer

March 2020 - October 2022

Starting Finance is the point of reference for educational content about finance for under 30s in Italy. It boasted, at the time, a community of over 400k members across different platforms nation-wide. Together, we have created a mobile app that allows its users to gain exposure to financial products and simulate investments on the NYSE and NASDAQ markets with real-time data. The core of the app revolves around gamification, and social features, that allow the user to compete for prizes based on their wallet's yield, and to interact with one another through social features. I have worked in the team since its inception, always overseeing the development and engineering; treasuring, and participating in the team's growth by proposing, and interviewing multiple candidates together with supporting pre-sales and marketing tasks. A lot of my work revolved around estimating workloads, providing different implementation strategies, and cost estimates together with developing and optimising algorithmic processes. Due to

my relative seniority in this company, I have first hand experience on the whole product-lifecycle and the bootstrapping of an efficient development team and an effective development process.

Tools and technologies used:

- AWS services: Lambda, DynamoDB, Timestream, Aurora, S3, Step Functions, SNS, SQS, Eventbridge, Appsync, API Gateway, Amplify, Cloudfront, IAM, Cognito, Cloudformation, Cloudwatch, Cloudtrail, X-ray;
- Other tools: Serverless Framework, Lumigo;
- Programming Languages: Nodejs, Golang, Python, Apache VTL.

Italian Army - Full Stack Developer Intern

June 2019

Developed an inventory system to keep track of all the inventory in the training centre in Aosta, Italy. There we worked closely with the officials managing the training centre to develop the most suitable solution given their needs and the rather limited time. Tools and technologies used: MySQL, Nginx, PHP, HTML, CSS, Javascript.

EDUCATION

Bachelor's Degree, Computer Science - University of Milan-Bicocca

October 2021 - current

Information Technology Technical High School Diploma - Federico Caffè (Rome) *September 2016 - July 2021*

CERTIFICATIONS

Cambridge English - First Certificate in English - Passed with Grade A - CEFR Level C1

2019

SOFT SKILLS

- **Languages:** Italian(Native), English(Fluent)
- **Leadership and Communication:** Careful listener and observer, always ready to step in when necessary and always available to talk and communicate if a misunderstanding were ever to arise. Also very interested in discussing about productivity and team efficiency. Suited to collaborative environments.
- **Planning and Organising:** Good time management and resource management, also experienced in planning due to my past and current work environment. Very collaborative and understanding of the team's needs and preferences. Well rounded in Jira and Miro. Also currently one of the organisers of the Serverless Italy group, hosting and presenting at meetups and in the future also at conventions.
- **Writing:** Very proficient writer of technical documentation and articles, also featured on some articles regarding Serverless computing.