Gianmaria Del Monte

Software Engineer

- 12 December 1996
- Geneva - Switzerland
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- Gianmaria Del Monte
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Skills

HARD SKILLS

Go, Python, MySQL, Git, Bash, Linux, Puppet, Container tecnologies (Docker), Distributed storage systems (EOS), Distributed programming, Design patterns, Design architectures

SOFT SKILLS

Problem solving, Communication skill, Positive attitude, Self-supervising, Team leadership

Languages

Italian

English

French

About me

Diligent Software Engineer with passion of designing and developing highly scalable software systems. Excellent attention to detail and problem solving, with an innate ability to learn and master new technologies. Experience in software development's lyfe cycle, including designing, coding, testing, delivery and mantainance. Keen to use my skills to push the frontiers of science and technology.

Work experiences

2021-now   Software Engineer   CERN (Geneva)

- Resposibile of the CERNBox backup system, processing every-day 300M of files, for a total of 18PB being backed up
- Designed a RESTful API for the integration of the CERNBox backup system with CERNBox for the self service restore by the users
- Implemented the lock APIs in reva (the CERNBox backend), to allow exclusivity access and improve the collaborative editing of the files
- Responsible of the delivery and operations of the CERNBox backend
- Involved in the 3rd line of the CERNBox support
- Realized tools to automatize procedures for the CERNBox operation and the ROTA

Education

2019-2020   M.Sc. in Computer Engineering   Roma Tre University
Thesis title: *Scaling blockchains without giving up decentralization and security*
Thesis supervisor: Prof. Maurizio Pizzonia
Final mark: 110/110 with honors

2016-2018   B.Sc. in Computer Engineering   Roma Tre University
Thesis title: *Implementation of an efficient protocol for data integrity on Cloud*
Thesis supervisor: Prof. Maurizio Pizzonia
Final mark: 110/110 with honors

Awards

2019	3rd place in local competitions of CyberChallenge 2019
2018	*Luca Raso* scholarship for best students enrolled in Master's degree in Computer Engineering at Roma Tre University.
2016	Scholarship for best average grade in the Engineering Department of Roma Tre University.

Publications

2020   Del Monte, Gianmaria, Diego Pennino, and Maurizio Pizzonia. "Scaling Blockchains Without Giving up Decentralization and Security." *In proceeding of 3rd Workshop on Cryptocurrencies and Blockchains for Distributed Systems CryBlock (2020).*

Interests

Violin, classical music, etnical music, technology, hiking, swimming