Dario Curreri

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Innovative Senior Staff Software Engineer (DevOps & Platform) with over 5 years of experience architecting cloud-native distributed systems, delivering enterprise-scale software solutions, and optimizing high-performance data processing pipelines.

Demonstrated expertise in designing resilient microservices architectures, implementing robust CI/CD automation, and leading high-performing engineering teams to successfully deliver mission-critical projects with significant business impact

Experience

Senior Staff Software Engineer (DevOps & Platform) @ *hiop* 10/21 - Today
- Co-created the company's flagship product: high-performance data processing platform enabling rapid high-value data provision and data-driven decision making
- Co-created an HPC framework and infrastructure on which relies real-time AI-based applications
- Designed and maintained company's CI/CD pipelines, improving drastically deployment efficiency and reliability
- Developed and maintained over 20 essential libraries building the company's codebase
- Co-led team growth, training and knowledge sharing among the team, expanding from 5 to 20+ people

Full Stack Developer @ *CNR's Institute of Biophysics* 12/20 - 08/21
Developed from the ground a Python and JS-based web application named *NeuroFeatureExtract* to analyse electrophysiological features as part of the *Human Brain Project*

Bioinformatics Trainee @ *ISMETT* 05/21 - 08/21
Developed efficient algorithms to analyze biological FASTA sequences, significantly enhancing data processing efficiency, as part of a university internship project

Collaborator of ML Research Project @ *UNINA* 11/19 - 04/20
Built from the ground a Python-based ML fuzzy classifier to diagnose celiac disease in Sicilian and Maltese children

Full Stack Developer Trainee @ *Informamuse* 01/19 - 04/19
Developed web applications as part of a university internship project

Education

Double Master in Computer Science @ *UNIPA* & *UGE* 09/19 - 10/21
Graduated cum laude with thesis on *RDF data and columnar formats*

Bachelor in Computer Science @ *UNIPA* 09/16 - 07/19
Graduated cum laude with thesis on *suffix array data structure*

Erasmus Exchange @ *ELTE* 09/18 - 01/19
Enhanced skills through an outstanding study experience abroad

Others		Publication
CMM Pre-doctoral Research School	08/20	*The EBRAINS NeuroFeatureExtract: An Online*
ESS Information Science School	09/19	*Resource for the Extraction of Neural Activity Features*
Scientfic High School Diploma	07/16	*From Electrophysiological Data*

Skills

Certifications	Workflow	Languages
AWS: *Practitioner*, *Developer*	Cloud, DevOps, CI/CD, Git, Docker	Italian: native
GCP: *Digital Leader*	Rust, Python, Node, Java, Scala, C	English: *B2*
GitHub: *Foundations*, *Actions*, *Advanced Security*	Agile, Leader, Tutor	French: *A2*
Data Science	Critical-Thinking, Data-Driven, Trusty	