

Contacts

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salvatore.dangelomunicampania.it

Linkedin:

asalvatoredangelo86

Spoken and programmed languages

Italian

English (C1 cert.)

Python

Dart/Flutter

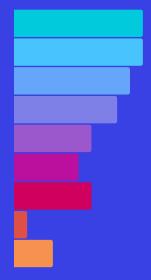
Java

HTML/CSS

SOL

Julia

Go



Salvatore D'Angelo

RESEARCHER AND SOFTWARE ENGINEER

About me

I am a software craftsman,
passionate about mobile
development, python, and
artificial intelligence.
I'm working on several side
projects based on Flutter,
Supabase/Firebase, FastAPI,
LLM+RAG. I'm involved in different
research projects about:

- Compilers, Code Generation, Quantum Computing, and DevOps.
- LLM+RAG for requirements extraction and UML generation
- LLM+RAG for test/test plan generation and validation

I'm also in two University Spinoff about AI and workflow parallelization.

Tech skills

- Design, documentation and software development
 - latex, git, java, dart, python, SQL/NoSQL, REST, GraphQL, Flutter, Agile/DevOps)
- Cloud Native Solutions Architect (docker, k8s, openshift, helm, elk)
- Machine Learning and Deep Learning for Natural Language Processing
- LLM+RAG (ChromaDB, Qdrant, Langchain, Streamlit)
- Problem solver (positive, patient, elastic, side view)

Experiences

FIXED TERM RESEARCHER

Universita della Campania L.Vanvitelli - Jan 2020 - current Machine and Deep Learning techniques, Patterns and automatic code transformation, to support and automate the design, componentization, deployment and dynamic and adaptive management of software systems Distribution and high performance on the Cloud-Edge Computing continuum (Python)

RESEARCHER

CINI - Jan 2017 - current

Courses about Git, Docker, and Kubernetes. Toreador - H2020 Project on BigData Model as Service (Python). PoC for the Italian Ministry of Justice (Neo4j, NLP, NER), Code Generation (Python), Compiler (Python) and DevOps

PROFESSIONAL TRAINER

Nov 2018 - current

Courses about Flutter, Splunk, Boomi, Salesforce, BPM/BPMN, Openshift, DevOps, Kubernetes, Docker, Infrastructure as Code, and ELK Stack.

FOUNDER - SOLUTION ARCHITECT

Geekers Srl - Jul 2018 - Dec 2023

 ${\tt Cloud-native\ solutions\ (K8S-Hasura-Camunda)\ for\ SME\ customers,\ Flutter-based\ mobile\ applications,\ ICT\ consultancy}$

Education UNIVERSITÀ DELLA CAMPANIA "VANVITELLI"

PhD. 2013 - 2016 PhD in Industrial and Information Engineering. HPC, Parallelizing compilers, parallelization techniques applied to the Cloud and Big Data. Toreador-H2020

European Project

Master Degree 2011 - 2013 ${\tt Master's\ Degree}$ in IT Engineering.

Natural Language Processing applications applied to

software design.