

## Dario Di Pasquale

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### PROFESSIONAL SUMMARY

I am a curious and passionate developer. I like my job and I like to learn and to solve problems. I spend much time learning new technologies in order to be up to date with current trends.

I want to improve myself as a person as well as a professional, becoming an expert in back-end architectures, highly-scalable systems, and distributed systems but also an expert in understanding customers' needs.

Someone could think that I like to deal with some technologies but actually, I like to solve problems using the right technology.

### EDUCATION

**Master's degree** in Networks and Software Technologies, February 2019

UNIVERSITÀ DEGLI STUDI DI SALERNO, Salerno, Italy

- *Score*: 110 cum laude (full marks with honours);
- *Modules included*: Distributed Systems, Data Compression, Advanced Computation Theory, Parallel, Concurrent and On-Cloud Programming;
- *Thesis*: Thesis on DSL development for highly-scalable cloud computing founded by ACT-OR and supervised by prof. Vittorio Scarano.

**Bachelor's degree** in Computer Science, October 2016

UNIVERSITÀ DEGLI STUDI DI SALERNO, Salerno, Italy

- *Score*: 110 cum laude (full marks with honours);
- *Modules included*: Programming Languages, Web Programming, Algorithms and Data Structures, Network Architectures, Networks Security;
- *Thesis*: Research thesis on Streaming Graph Partitioning for social graphs supervised by prof. Alberto Negro and prof. Gennaro Cordasco.

### PROFESSIONAL EXPERIENCE

[Like A Coffee](#), Italy

**Smart Contract Developer**, May 2018 – Present

Back-end developer and Smart Contract developer for a project concerning an authentication system, based on the Ethereum blockchain, aiming to address both privacy and scalability concerns;

- Responsible for the designing and the development of a proof-of-concept blockchain solution for the BlockID Authentication Service using zk-SNARKs, Express (Node.js), Solidity and Truffle;
- Responsible for the analysis of the customers' requirements;

[King Web Design](#), Battipaglia (SA), Italy

**Developer**, May 2017 – October 2017

Designing and developing a dynamic server for data aggregation able to receive data in different formats from heterogeneous devices and to expose them through RESTful APIs;

- Responsible for the designing and the development of the system using Flask (Python), PHP, Docker, Redis, MongoDB.

[NextEconomia](#), Rome, Italy

**Mobile developer**, April 2017 – October 2017

Designing and developing the cross-platform mobile application [VotoColPortafoglio](#);

- Responsible for designing and developing the application using React Native.

[Smartour](#), Salerno, Italy

**Backend Developer**, February 2016 – July 2016

Backend developer for two applications: [Smartour App](#) and Giffoni Social Experience 2016.

- Responsible for designing and developing RESTful APIs using Express (Node.js), MongoDB, Redis;
- Responsible for designing and developing a CMS platform for managing applications' contents.

## **SKILLS**

- *Languages*: Italian (mother tongue), English (professional working proficiency);
- *Programming Languages*: excellent knowledge of Java, JavaScript and Python; good knowledge of Go, C, and Solidity; basic knowledge of Elixir, R, TypeScript, Scala and PHP;
- *Technologies*: excellent knowledge of Node.js, Express.js, Flask, MySQL and git; good knowledge of AWS, React.js, Blockchain Technologies, Ethereum, MongoDB, SQLite, Redis, Django and Docker; basic knowledge of CSS, Angular 2, React Native and Xtext;
- *Other*: good knowledge of P2P, Distributed Systems and Concurrent, Parallel and On-Cloud programming; basic knowledge of cryptography.

## **INTERESTS**

Reading, Watching movies, Traveling, Biking, Playing (and watching) tennis