



# SARA BRICCOLI

FULL-STACK  
SOFTWARE ENGINEER

## SKILLS

- Debian user, bash script
- JavaScript, jQuery, Bootstrap, HTML5, CSS
- C#, JAVA, PHP, Python, C++
- .NET, Entity framework
- Embedded systems and IOT
- Database Management: Redis Cache, SQL server, NOSQL
- Cloud: Azure (Function, ServiceBus, EventHub), Google Cloud (LoadBalancer, Pub/Sub, Dataflow, BigQuery, BigTable)
- Version Control Systems / Git
- Network protocols
- APIs integration
- UML and E/R diagrams

## CONTACT DETAILS

Born April 4th 1998

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Viale Vittorio Veneto 2/3  
Faenza (RA) 48018  
Italy

## WORK EXPERIENCES

### Technology and Innovation Manager

Elmec Solutions Srl | Sep 2021 - Present  
Maintenance of the technological systems  
Establish the technology vision, strategies, and growth plans  
Areas: Industrial automation, Cloud computing, Industrial internet of things (iiot)

### Full-Stack Software Engineer

MYAPPFREE S.P.A. | Aug 2021 - Present  
Build and maintain batch and real-time data pipelines with Cloud Platforms and APIs integrations.  
Focused in Big data processing technologies.

### Technical Specialist

Elmec Solutions Srl | May 2019 - Sep 2021  
Probe calibration and software management

### Back-End Engineer Intern

KM3Net collaboration | Aug 2020 - May 2021  
PHP, MySQL via phpMyAdmin, Ubuntu Server, Apache

### Promoter

Intel Corporation | 2019 - 2020  
Knowledge in Intel processors and sales techniques

### Accountant

Comune di Faenza | May 2016  
Databases population and reconciliation of financial discrepancies by collecting and analyzing data

### Data analyst

ELIT Snc | Jun 2015  
Refactoring datasets

## ACADEMIC HISTORY

### Università di Bologna

2017 - 2022 | Computer science and engineering  
Thesis title: Business Intelligence System for Offer Wall Ads

### Universitat des Saarlandes

2018 - 2019 | Erasmus +

### Università di Bologna

Jan 2017 | Cryptography certification

### I.T.C.G. "A. Oriani"

2012 - 2017 | Tech systems for enterprises

## PERSONAL PROJECTS

### Supermarket Billing System | 2022

Learn more: <https://github.com/saribricka/SBS>

### SPinder | 2021

Learn more: <https://github.com/saribricka/SPinder>

### BigliettOne | 2020

Learn more: <https://github.com/saribricka/BigliettOne>

## LANGUAGES

Italiano C2 | English C1 | Español B2

## MAIN INTERESTS

- Veganism, animal welfare and global sustainability
- **ENPA ONLUS** and **AnimaLiberAction Volunteer**
- Traveling through cities and mountains
- Rubik's cube and others brain-teasers (3x3x3 PB 25.648 secs)