

Boubakr Injarn

Software Developer

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Personal Information

- **Surname:** Injarn
- **Name:** Boubakr
- **Nationality:** Italian

About Me I am a software developer with a deep passion for coding. Currently, I am working as a Backend Developer for TuoTempo, operating fully remotely. My journey in computer science began in high school and continued through university, and I have gained diverse experience across various roles in the industry.

One of the most fulfilling aspects of my work is performance optimization. I take great satisfaction in refining processes and watching performance metrics improve —particularly in database management, where I have developed considerable expertise over time. I enjoy the challenge of making systems more efficient and I'm always keen to learn new ways to do it.

Education

2014 - 2017, University of Udine

"Laurea specialistica" (Master's degree) in Computer Science
Thesis title: "Classificazione di testi brevi: stato dell'arte ed esperimenti"
(prof. Ivan Scagnetto)

2011 - 2014, University of Udine

"Laurea Triennale" (Bachelor's degree) in Computer Science
Thesis title: "Analisi ragionata del framework JADE per la programmazione orientata ad agenti" (prof. Ivan Scagnetto)

2006 - 2011, I.T.I.S "Città della Vittoria" Vittorio Veneto (TV)

Information Technology and Telecommunication - (high school graduation)

Experience

April 2022 - present, Software Developer (full remote), TuoTempo Srl, Bologna

Part of the backend team focused on enhancing code performance and maintainability.

Primary responsibilities include leveraging PHP 8 and optimizing performance for both the codebase and MySQL database operations.

July 2020 - March 2022, Software Developer (full remote), Abstraqt Srl, Lucca

Worked as a full stack developer for INPS, the Italian social security institute. Contributed to the development of the portal for the "Assegno Unico" and several other key institutional platforms. These systems handled millions of applications monthly and thousands of daily accesses. Developed batch processes for daily processing and verification of millions of applications.

Gained extensive experience with SQL Server, managing multi-terabyte databases, and learned to write optimized queries to reduce batch processing times and portal request latency. Utilized both REST APIs, SOAP, and Linked Server to interface with modern and legacy INPS systems.

This role taught me how to manage high-stress situations and excessive workloads in a demanding environment.

September 2017 - June 2020, Software Developer, HTS - Hi-Tech Services, Udine

Developed a Logstash-ElasticSearch module to index event logs. Reached over 300 GB/day.

Developed a framework to handle log files with cryptography, security, realtime analysis, alerting and reporting.

September 2016 - Dicember 2017, Web Developer - co-founder, RestartAge S.r.l.s.

September 2015 - 2107, Tutor+ IT, University of Udine

Activities performed:

- Assisting students with their personal, professional and career development
- Liaison with other members of academic staff
- Providing information regarding university in general

October 2015 - September 2016, Tutor e-Learning, University of Udine

I provided assistance to professors and students for the Moodle platform.

October 2013 - February 2014, Webmaster, Noi95 s.r.l.

I worked as a web master for this e-commerce company. The main tool I used was Magento (an open-source e-commerce platform written in PHP)

February 2010 - February 2010, Web Designer, Job Informatica s.r.l. (internship)

I worked in this company during my internship in secondary school. I implemented the front end of Electrolux management by using HTML5 and CSS3 for educational purposes only.

October 2008 - February 2015, Waiter/ Assistant cook, Agriturismo

I have always worked on weekends as a waiter or assistant cook to pay for my studies.

June 2008 - September 2008, Electrician, Apri System S.n.c.

Summer job to learn the electrician's work.

Languages

- **Italian:** native
- **Berber:** native
- **English:** good working knowledge
- **Arabic:** basic communication skills

Computer Skills

OS

- Windows
- Linux

Programming

- Java
- C/C++
- PHP
- Javascript
- Perl
- C#
- SQL

Personal Skills

- **social:** Good relationship in the group work.
Planning capacities to work in team and analytical skills.
- **technical:** computer programming
software/hardware verification
data analysis
- **driving license:** B

Interests

Professional

Data analysis, Big data, app creation, software design, artificial intelligence, database, distributed systems, network analysis, information security

Personal

cooking, cycling, cinema

Autorizzo il trattamento dei miei dati personali ai sensi del Regolamento (UE) 2016/679 (GDPR) per le finalità di selezione del personale.