Alessandro Ferri
Software Engineer

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🔗 https://github.com/AleFerri01pd

PROFILE

My main goal is to engage with the job market: I am eager to challenge myself and learn as much as possible, even by participating in various educational projects.
I possess excellent teamwork and integration skills. I have a good ability to adapt to multicultural environments and strong communication skills.

Thanks to my studies, I am passionate about IT (especially front-end or back-end programming) and all scientific subjects (particularly mathematics). Another one of my great passions is reading and literature, both Italian and foreign.

TECHNICAL SKILLS

Windows / MacOS
● ● ● ● ●

MS Office
● ● ● ● ●

HTML / HTML5
● ● ● ● ●

CSS / SASS
● ● ● ● ●

PHP
● ● ● ● ●

JS
● ● ● ● ●

Vue JS
● ● ● ● ●

React
● ● ● ● ●

Git
● ● ● ● ●

WORK EXPERIENCE

▶ **2024 (July) - PRESENT |Software Engineer LAV ETS**
I currently hold the position of a full stack web developer, where I am responsible for maintaining and integrating new features into LAV's web applications. We primarily use React and Next for frontend development, and the Slim framework with Node.js for building microservices.

▶ **2021 - 2024 (July) | Web Developer Full Stack | Business Changers s.r.**
I served as Technical Team Leader at the internal development Labs. Our goal is to produce web software using cutting-edge technologies such as React, NextJS, and NodeJS.
For the first two years, I performed System Integration activities, collaborating on various projects with Coninet S.p.A., producing websites for Italian sports federations. Content management uses the Joomla! CMS, while the front-end utilizes HTML5, JQuery, TypeScript, and Sass (CSS3). On the back-end, and for Joomla-related developments, we use PHP and MySQL databases.

▶ **2020 - 2021 | RF Specialist | KeyBiz s.r.l**
I produced electromagnetic impact analyses (EIA) caused by antennas used for wireless connectivity (3G, 4G, and 5G), along with configuring the antennas.

▶ **2019 | INTERN | INFN**
- As part of a training internship:
- Designed and managed a data system for an experiment generating at least 3000 Terabytes;
- Improved proficiency in using UNIX systems;
- Carried out theoretical and practical activities with the LNF research groups;
- Processed and presented the learned content.
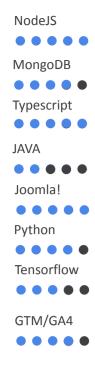
EDUCATION

▶ **2020 – DIPLOMA**
High School Diploma in Information Technology and Telecommunications
Grade: 100/100

Skills acquired: IT (network management and administration, client-side and server-side programming, database management, low-level programming), linguistic (English), and literary (English and Italian literature) skills.

HOBBIES

I am passionate about football and martial arts. I practiced Muay Thai, a Thai martial art, for many years.
One of my favorite hobbies is cinema.

NodeJS
●●●●●

MongoDB
●●●●○

Typescript
●●●●●

JAVA
●●○○○

Joomla!
●●●●●

Python
●●●●○

Tensorflow
●●●○○

GTM/GA4
●●●●○

LANGUAGES

Inglish
●●●●○ Level B2

Italian
●●●●●

CERTIFICATIONS AND COURSES

Being passionate about IT, one of my main goals is to acquire as much knowledge as possible to enrich my technical and cultural background.

January 2023
Udemy course on the following technologies:
- React
- Ethereum
- Blockchain
- Solidity
- Remix

April 2022
Udemy course on the following technologies:
- Vue JS;
- Node JS;
- MongoDB.

May 2021
Udemy course on the following technologies:
- Java Spring;
- Spring Boot;
- Pattern MVC;
- Spring Data JPA.

February 2020
CISCO Certification "Routing and Switching: Introduction to Networks" obtained at the Enrico Fermi Technical Institutei

Grade: 95/100

May 2019
Certification "Use and Programming" at the COMAU headquarters with a robotics license for operating six-axis ARMs.

Grade: 94.6/100

May 2018
CISCO Certification "IT Essentials" obtained at the Enrico Fermi Technical Institutei

Grade: 98/100

ATTACHMENTS

Upon request, I can provide the following documents:

- High school diploma
- "Use and Programming" certificate
- "IT Essentials" certificate
- "Routing and Switching: Introduction to Networks" certificate
- Certificate of participation in the internship at INFN