

Michele Cerreta

CURRICULUM VITAE

SUMMARY

I have 10+ years of experience in IT. I currently own and manage Pizero Design srl, a software development company based in Lucca, Italy, leading a team of 5 developers. I have extensive skills in many fields of IT and a strong background in building mobile apps, e-commerce, web services, software automation and cybersecurity.

I know about: Linux and Mac OS, web and e-commerce, web servers, Wordpress, UI and UX, cybersecurity

I code in: Php, Objective-c, Swift, Kotlin, Java, HTML/CSS/Javascript, Python

PROFESSIONAL EXPERIENCE

2013 - **Current position** · Amministratore Unico @ **Pizero Design srl**

Part of Polo Tecnologico Lucchese - <https://pizero.dev>

At Pizero Design I manage a team of 4-5 mobile / web developers, both in-office and remotely, to deliver custom native apps for iOS and Android, web apps, e-commerce websites and automations. I usually take care of project management, consulting and I occasionally write code for our mobile and web projects.

CLIENTS: AKERON, LUCCA IN-TEC, CARTIERE CARRARA, KEDRION BIOPHARMA, LEGA NAZIONALE DILETTANTI, MENARINI, UCEI, AND MORE

2008 - 2013 · Self employed @ **Pizero Design**

Lucca - <http://www.pizero.net>

I started as a designer of mobile UI for Nokia S60 devices, and later specialized in iOS and Android app development. Themes and apps by Pizero Design were featured in Nokia Store, iTunes Store, Google Play, Windows Phone market.

In 2011 Pizero Design was the n.1 Italian developer on Nokia Ovi Store and reached 20+ million downloads in 2013.

CLIENTS: NOKIA OY, NOKIA PRODUCTS LTD., THE SYMBIAN FOUNDATION, PEPSI, OAKLEY, BURTON, ROVIO MOBILE, ELECTRONIC ARTS, POPCAP, AND MORE

2009 - 2011 · Practicing notary @ **Studio notarile Vincenzo De Luca**

Via Umberto I, 28, 55023 Borgo a Mozzano LU - +39 0583 889060

I was a practicing public notary for 2 years. During that time I learnt all the aspects of the notary profession: writing contracts for real estate, merger and acquisitions, practices and formalities.

EDUCATION

2022 - **2025 (exp.)** · IMT School for Advanced Studies (Lucca) · **PhD, Cybersecurity**

I'm attending a PhD Program at IMT School in Lucca, as a part of the "Dottorato di interesse Nazionale in Cybersicurezza" started in 2022, specializing in automatic software vulnerability detection.

2020 - 2021 · Università di Pisa · **Cybersecurity Master**

I attended a post-grad Master in Cybersecurity at the University of Pisa. Fields of study include: Applied Cryptography, Data Mining, Python scripting, Ethical Hacking and Penetration Testing, Linux Security, Complex Network Analysis, Networking, GDPR, Digital Forensics.

I graduated discussing a project work about ModSecurity and its effectiveness to protect the Apache web server.

2004 - 2009 · Università di Pisa · **Laurea Specialistica in Giurisprudenza**

I have a masters degree (Laurea Specialistica) in law, with a specialization in Civil Law. 105/110 grade. My law background helped me in many aspects of my professional life: negotiations with clients, writing contracts, dealing with privacy-related issues.

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PROFESSIONAL SKILLS

Software Development

App Development: I use both Xcode and Android Studio on a daily base to build, refine and debug mobile Apps for iOS and Android. I can successfully write entire simple-to-medium complexity native or hybrid apps.

Web development: I can write PHP REST apis and backends, build websites and landing pages using Wordpress, Laravel, or plain HTML, do basic scripting with Javascript/jQuery, create and maintain SQL databases, setup and manage Linux web servers running Parallels Plesk or cPanel software.

TOOLS AND FRAMEWORKS: XCODE, ANDROID STUDIO, ANACONDA, PARALLELS PLESK, CPANEL, FIREBASE, POSTMAN, ELEMENTOR, LARAVEL, AND MORE

LANGUAGES: PHP, OBJECTIVE-C, SWIFT, HTML, CSS, JAVA, JAVASCRIPT, JQUERY, DART, PYTHON

Cybersecurity

I have a good knowledge of virtualization software, pentesting and use of Kali Linux and related tools

TOOLS: MODESECURITY, VIRTUALBOX/VMWARE, KALI LINUX, WIRESHARK, OPENSSL, NMAP, METASPLOIT, WPSCAN

PUBLICATIONS

M. Blanchini, M. Cerreta, D. Di Monda, M. Fabbri, M. Raciti, H. S. Ahmad and G. Costa, Supporting Criminal Investigations on the Blockchain: A Temporal Logic-based Approach. ITASEC 2024: The Italian Conference on CyberSecurity.

M. Cerreta and G. Costa, "Automating Penetration Testing with MeTeOr," 2024 IEEE European Symposium on Security and Privacy Workshops (EuroS&PW), pp. 718–725, Jul. 2024.

LANGUAGES

Italian

Mother tongue. Excellent listening, conversation, writing, reading.

French

Excellent listening, conversation, reading skills. Very good writing skills.

English

Excellent reading skills. Very good writing skills. Good listening and conversation skills. **FCE Certification (Level: B2)**