






LUCA CHIANESE

Computer engineer with 7 years of experience in full-stack development and a solid background in cybersecurity. Open to roles as a software engineer or penetration tester. Curious, adaptable, and willing to relocate, I'm looking for a technical and stimulating environment where I can grow and make a real impact.



CONTACTS

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-  <https://github.com/lucaboy>

LANGUAGES

- Italian - Mother tongue
- English - Advanced

SKILLS

AI, Angular, React, Ionic, Node.js, Express, NestJS, MongoDB, PostgreSQL, MySQL, JavaScript, TypeScript, Cypress, HTML, CSS, Python, Tensorflow, AWS Lambda, Serverless Framework, Docker, Firebase, Heroku, C, C++, Java, Swift, PHP, Cypress, Git, Scrum, Penetration Testing, Burp Suite, Wireshark, Ghidra, Owasp WSTG, NIST CSF 2.0, NIS 2, ISO 27001, GDPR, Problem Solving, Teamwork, Leadership

PUBLICATIONS

- Exploiting LLMs for E-Learning: A Cybersecurity Perspective on AI-Generated Tools in Education
<https://doi.org/10.1109/TechDefense63521.2024.10863662>
- Leveraging Threat Modelling for Effective Penetration Testing in 5G Systems
<https://doi.org/10.1109/CSR61664.2024.10679437>

WORK EXPERIENCE

• Cybersecurity Senior Consultant

December 2024 - Current
EY - Rome, Italy

Conducting Cybersecurity Assessments and Gap Analyses, including the preparation of related documentation, and coordinating and supervising the project team.

• Full-stack Developer

Enginius S.r.l. - Genoa, Italy
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Developed web applications using Angular and NestJS, integrated OpenAI APIs, performed prompt engineering, and developed and deployed AWS Lambda functions.

• Full-stack Developer

August 2020 - April 2023
Dreaming Lab Sagl - Lugano, Switzerland

Development of web and hybrid applications using Angular, React, Ionic, Node.js, and MongoDB, along with supervision of the development team.

• Full-stack Developer

March 2018 - July 2020
Hitech Computer Graphic - Trentola Ducenta, Italy

Designed and developed serverless web and hybrid applications using Angular, Ionic, and Firebase.

EDUCATION

• Second level Specializing Master in Cybersecurity

October 2023 - October 2024

University of Genoa

Thesis: Web Application Penetration Testing Based on OWASP Guidelines

Final Grade: 110/110 cum laude

• Qualification to the profession of ICT Engineer

February 2024

University of Campania Luigi Vanvitelli

• Master's Degree in Computer Engineering

October 2020 - October 2023

University of Campania Luigi Vanvitelli

Thesis: Design and development of a platform for vulnerability assessment of 5G Infrastructures

Final Grade: 110/110 cum laude

• Bachelor's Degree in Computer Engineering

October 2013 - July 2020

University of Campania Luigi Vanvitelli

Thesis: Techniques and technologies for the development of intelligent agents with application to cultural heritage

Final Grade: 89/110