

DAVIDE LEONE

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EXPERIENCE

Powering

Software Developer – Full-Time

Hybrid

04/2026 – Present

- Full-stack development of CRM applications using PHP with CakePHP and React.
- Development and maintenance of frontend and backend features, including the implementation of new functionality and bug fixes.
- Management of a containerized Docker environment to maintain consistent development and deployment workflows.
- Technical support and maintenance of the company's CRM platform through issue analysis, troubleshooting, and feature improvements.

Ruralis

Full-Stack Developer Intern

Remote

09/2025 – 01/2026

- Development and maintenance of frontend web and mobile applications using React and React Native with Expo.
- Design and implementation of serverless backend services on AWS using Lambda and DynamoDB.
- Frontend-backend integration through scalable, high-performance APIs.

AppTek

AI Engineer – Freelance

Remote

05/2025 – 06/2025

- Led both adversarial and benign prompt-engineering initiatives to rigorously test the robustness of large language models (LLMs).
- Performed detailed classification and risk assessment of user inputs, assigning them to content categories considered critical to model safety.
- Evaluated model outputs for alignment with responsible AI principles, compliance with applicable policies, and the prevention of abusive use.
- Identified failure modes and edge cases in model behavior, contributing to iterative improvements in the model's overall safety.
- Applied content-moderation frameworks to proactively mitigate AI responses that were harmful, unsafe, or otherwise disallowed.
- Generated structured evaluation data to support model alignment, robustness, and reliability objectives.

EDUCATION

University of Bari Aldo Moro

Bachelor's Degree in Computer Science and Digital Communication
100/110

Bari, Italy

09/2021 – 04/2025

PROJECTS

Graph Visualizer

github.com/daveleone/graph-visualizer

An interactive C++ application for visualizing and manipulating 3D graphs. Built with OpenGL, custom shaders, and CMake, featuring a graphical interface for exploring graph structures and a project architecture geared toward real-time graphics.

Koda for Visual Studio Code

github.com/daveleone/Koda-VS-Code

A Visual Studio Code theme extension published on the Marketplace. A port of the Koda.nvim theme with four variants, support for semantic highlighting, interface customization, and definitions for TextMate scopes and semantic tokens. Developed in TypeScript.

AcademeWork

github.com/daveleone/academework-uniba

A web application designed to facilitate communication between teachers and students through a platform for distributing and completing assignments. Built with Laravel, with an architecture designed to be clear, scalable, secure, and easy to maintain.