Luca Raveri

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SUMMARY

I am a computer engineer with a deep interest in new technologies and a strong technical vision that enables me to identify and implement innovative software solutions. Recently, I have become passionate about the JavaScript ecosystem, especially Node.js, and I am looking for a job where I can work with this technology stack.

EXPERIENCE

- **JAKALA** — H-Farm, Italy
  Software Engineer — *Feb 2023 - Present*
  - **Back-end Developer**: Developed RESTful web services, ensuring high quality through testing and documentation.
    - Achieved up to 75% improvement in service performance by implementing parallel programming techniques for heavy computation tasks involving external ML APIs.
    - Increased code coverage to 80% by developing unit tests and integration tests.
    - Implemented a monitoring system using Splunk for log analysis, creating a dashboard that significantly improved the ability to identify and fix bugs.
  - **Full-stack Developer**: Worked on various projects, gaining expertise in the front-end development and infrastructure management with AWS, Docker and CI/CD pipelines.
    - Participated in an R&D project to develop a scalable application using an event driven architecture. The application was designed to be multitenant and multimodule.
    - Implemented a monitoring system using AWS Cloudwatch logs and AWS Insight queries.
    - Developed integrations between various systems, interacting with REST, GraphQL, and SOAP APIs.

CREATIVE PROJECTS

- **lucaraveri.com**: Personal website developed using React and Next.js. The chatbot was created using gptDelivr.

OPEN SOURCE

- **gptDelivr**: Open source project written in JavaScript and Node.js. The aim of the project is to provide a no-code solution for easily creating and integrating RAG chatbots based on OpenAI's technologies into any website.
- **geojson-converter**: PHP library for converting GPX and KML files into GeoJSON format.

EDUCATION

- **H-Farm Business School** — H-Farm, Italy
  Executive Course in Emerging Technologies in Business — *July 2024*
- **University of Trieste** — Trieste, Italy
  Master's Degree in Computer Engineering — *May 2023*
- **University of Padua** — Padua, Italy
  Bachelor's Degree in Computer Engineering — *Sep 2019*

PROGRAMMING SKILLS

- **Languages**: Java, Javascript, PHP, SQL.
- **Frameworks/Libraries**: Spring, Laravel, React, Next.js.
- **Technologies**: AWS, Node.js, Git.