

DOM LOPARCO

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Portfolio: gdloparco.com | GitHub: github.com/gdloparco | LinkedIn: linkedin.com/in/dom-loparco

PROFESSIONAL PROFILE

Transitioned to Software Engineering from a successful career in Operations, which has given me a thorough understanding of process optimisation and data-driven decision-making, I have expanded my tech skills through Makers Academy's Software Development bootcamp. At Makers I enhanced my skills in compiled languages such as Golang, solidifying my expertise in TDD, data structures, containerisation and concurrency. Moreover, interpreted languages like Python and JavaScript have empowered me to tackle full-stack development challenges. As a Generative AI QA, I'm currently assessing and rating AI-generated code snippets. With a passion for technology and continuous learning, I am eager to apply my technical competence and operational expertise to drive positive change in the tech industry.

TECHNICAL SKILLS

Testing: Go Testing, Pytest, Vitest

Version Control: Git, GitHub

Dev Practices & Tools: Docker, TDD, Pair Programming, CI/CD, GitHub Actions, WSL

Languages: Golang, Python, JavaScript, HTML CSS, TypeScript

Frameworks/Lib: Gin, Tailwind, Flask, React

Databases: PostgreSQL, Firebase, MongoDB

PROJECTS & ACHIEVEMENTS

[Complete Project Portfolio](#)

Kate | [Check It](#)

Docker, Go & Gin Framework, React, Tailwind, TypeScript, PostgreSQL

Ongoing Project - A fully **responsive and containerised** web application written in **Golang** and **React** that leverages user input and historical data, with the aid of a **LLM API**, to generate personalised cover letters.

Hackathon Winner | [Check It](#)

Harmony Hackathon (UCL - June 2024)

Through **TDD**, added French, Italian, German and Spanish to the stack of languages handled by Harmony and improved conditionals to fix negative English contractions exceptions.

Cassandra | [Try It](#)

Go & Gin Framework, Svelte, CSS, Open AI API

A **Golang** web-service application, connected to a **LLM API** that simulates a real Tarot Card reader. The animated frontend is coded with Svelte for a smooth user interaction.

Airport Arrivals | [Try It](#)

Go, JavaScript, HTML & CSS, FlightAware API

Golang web-service back-end app, connected to a live *Flightaware API* that renders **real-time arrivals** information from a user chosen Airport.

VenBnB | [Try It](#)

Python, JavaScript, HTML & CSS, PostgreSQL

A property hire web service designed in **Python**, HTML, CSS and supported by a *PostgreSQL* database. User can Sign-up and see their profile pages, as well as a List of available properties.

CAREER SUMMARY

Generative AI QA

Outlier – Remote

06-2024 / Present

- Assessment of **AI Generated code snippets** for functionality, formatting and adherence to best practices;
- Evaluating and rating text and audio outputs in multiple languages, providing feedback to **improve LLMs** and **GenAI Models accuracy**, coherence and relevance.

Junior Software Engineer

Makers Academy, London - United Kingdom

01-2024 / 05-2024

- Specialised in **compiled languages (Golang)** - proficient in syntax, data structures, control flow, functions and concurrent programming;
- Strong foundation in Python and Flask, **test-driven development** and **database integration** with SQL;
- Expanded cloud deployment skills - **CI/CD** pipelines for application delivery;
- Confident in use of command-line, Git, **pair programming** and **agile methodologies**;
- Able in project planning and task delegation from team project experiences.

Junior Software Engineer

Scrimba Frontend Developer Career Path – Remote

05-2023 / 01-2024

- Comprehensive training in frontend web development, covering HTML, CSS, JavaScript and **React**;
- Learned DOM manipulation, **responsive design**, Git, APIs and build tools;
- Explored accessibility, state management, **testing and deployment strategies**.

Operations Manager

The Pizza Project Limited, London - United Kingdom

06-2020 / 09-2023

- Reduced customer quote **response time by 70%** by creating an Excel-based calculator and implementing CRM System pipelines with pre-set templates and emails;
- Increased average **quote profitability by 35%** by reducing on-site labour costs through improved training, optimising stock management and introducing an add-on structure to offers to boost customer spending.

Assistant Operations Manager

Homeslice Limited, London - United Kingdom

06-2015 / 01-2019

- Increased **food and beverage profit margins by 10%** by establishing new suppliers, improving existing contracts, redesigning recipes and minimising waste;
- Increased **staff retention by 20%** with active progression schemes, regular performance reviews and the implementation of mentorship training programs.

LANGUAGES

English: *Fluent*

Italian: *Native*