

Giacomo Debidda



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[GitHub](#) / [LinkedIn](#) / [Stack Overflow](#)

Freelance full stack developer specialized in Node.js and Google Cloud Platform. Linux user for a long time (my distro of choice is NixOS), I have been writing software professionally for almost ten years, and blogging about it since 2016. Some of the things I did are: data analysis / visualizations in [Python](#) and [JavaScript](#), web applications in TypeScript, [libraries in Zig](#), web performance audits for [eCommerce](#) and [news](#) websites.

Experience

Freelance full stack developer @ self-employed (remote)

March 2020 - present

Developed applications in Node.js. Open sourced a few [libraries](#) for frontend (11ty), backend (Hapi.js), databases (SQLite, Firestore). Experimented with [Clojure](#) and [Zig](#).

Software developer @ Develer Srl (Campi Bisenzio, Italy)

September 2018 - March 2020

Developed frontend architecture, UI components and API endpoints for a 3D configurator software (React, Redux, Three.js).

Software developer @ Moticon GmbH (Munich, Germany)

February 2015 - December 2017

Developed frontend components (D3.js) and backend logic (Python) for the company flagship software product.

Independent researcher @ MiE Medical Research Ltd (Leeds, UK)

September 2013 - December 2013

Analyzed performance metrics of athletes. Improved the data quality using signal processing techniques and outlier removal algorithms.

Clinical Engineering Intern @ Meyer Children's Hospital (Florence, Italy)

October 2012 - March 2013

Carried out asset inventory management activities and site inspections (operating theaters, surgery units, medical laboratories, etc), and developed software to decrease the manual labor involved in such activities. Supported the Meyer hospital in achieving Good Manufacturing Practices accreditation (technical standards ISO 14644 and ISO 14698).

Education

Certifications

- [Professional Data Engineer \(Google Cloud Platform\)](#)
- [Associate Cloud Engineer \(Google Cloud Platform\)](#)
- [Google Cybersecurity Certificate](#)

Academia

- Master in Clinical Engineering (Università di Firenze)
- MSc in Biomedical Engineering (Università di Pisa)
- BSc in Biomedical Engineering (Università di Pisa)

Relevant Coursework

- Data Analysis and Statistical Inference (Coursera)
- Database Systems Concepts & Design (Udacity)
- Developing Applications with Google Cloud (Coursera)
- Google Cloud Database Engineer Specialization (Coursera)
- Machine Learning (Coursera)
- Preparing for Google Cloud Certification: Cloud Network Engineer Specialization (Coursera)
- Site Reliability Engineering: Measuring and Managing Reliability (Coursera)

Skills

Frontend: [11ty](#), React, Svelte, Progressive Web Apps, D3.js, [WebGL](#), SVG.

Backend: Next.js, [Hapi.js](#), Fastify, Platformatic, Cloudflare Workers.

Data: SQLite, Firestore, PostgreSQL, BigQuery, Apache Beam, Apache Airflow.

Cloud: [GCP](#), AWS, Fly.io, Cloudflare.

Infra: Pulumi, Ansible, systemd.

Other: WebAssembly, Cloudinary, Stripe API, HubSpot API.

Hobbies

I am very much into surf skating and inline skating. I like to alternate between the two. I also go to the gym a few times a week.