

Giacomo Debidda



giacomodebidda.com

giacomo@giacomodebidda.com

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

Experience

Freelance full-stack developer @ self-employed (remote)

MARCH 2020 - PRESENT

Developed services, jobs, API integrations in Node.js and Clojure, and deployed them to GCP Cloud Run and Cloud Functions. Open sourced a few libraries for Hapi.js, 11ty, Stripe, Google Cloud Platform (Firestore, Secret Manager, Cloud Tasks , etc).

Frontend: 11ty, React, Svelte, Re-Frame, Fulcro

Backend: Hapi.js, Ring, next.jdbc

Databases: SQLite, Firestore, MySQL

Other tech: Puppeteer, Skija, Cairo

Software developer @ Develer Srl (Campi Bisenzio, Italy)

SEPTEMBER 2018 - MARCH 2020

Developed frontend architecture, UI components and API endpoints for a 3D configurator software.

Frontend: React, Three.js, Redux

Backend: Flask, Go

Software developer @ Moticon GmbH (Munich, Germany)

FEBRUARY 2015 - DECEMBER 2017

Developed frontend components, business logic and algorithms for the company flagship software product. The application allowed users to visualize data from the sensor insoles manufactured by the company, analyze it and generate reports about gait analysis.

Frontend: D3.js, WebGL, SCSS, HTML, SVG

Backend: proprietary Python web framework, NumPy, Pandas, PyTables, NumExpr, ReportLab

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.

Tech: R, Arduino, IMU, I2C

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).

Tech: Excel VBA, SQL

Education

Academia

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

Independent Coursework

- Architecting with Google Kubernetes Engine (Google Cloud - Coursera)
- Reliable Google Cloud Infrastructure: Design and Process (Google Cloud - Coursera)
- Database Systems Concepts & Design (Leo Mark - Udacity)
- Data Analysis and Statistical Inference (Mine Cetinkaya-Rundel - Duke University - Coursera)
- Machine Learning (Andrew Ng - Stanford University - Coursera)

Certifications

[Associate Cloud Engineer \(Google Cloud Platform\)](#)

Projects

[calderone](#): TypeScript monorepo I use to develop libraries and try out new things

[matsuri](#): monorepo for my Hapi.js plugins and support libraries

[talks](#): repo with slides and code for the talks I gave at conferences and meetups

[zig-cairo](#): zig-idiomatic wrapper for the Cairo 2D graphics library

Hobbies

I am very much into surf skating and inline skating. I try doing either one of the two at least 3 times a week. I also have an all-terrain electric skateboard. It's a lot of fun, but I must admit I am a bit disappointed by its low range.