Giacomo Debidda

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GitHub / LinkedIn / Stack Overflow

Freelance full stack developer specialized in Node.js and Google Cloud Platform. I have been writing software professionally for more than eight years. Some of the things I did are: data analysis/visualizations in Python and JavaScript, web applications in TypeScript, libraries in Zig, web performance audits.

Experience

Freelance full stack developer @ self-employed (remote)
March 2020 - present
Developed applications in Node.js and Clojure. 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
- [Associate Cloud Engineer (Google Cloud Platform)](#)

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

Relevant Coursework
- [Architecting with Google Kubernetes Engine](#) (Coursera)
- [Developing Applications with Google Cloud](#) (Coursera)
- Database Systems Concepts & Design (Udacity)
- Data Analysis and Statistical Inference (Coursera)
- Machine Learning (Coursera)

Skills

Frontend: [11ty](#), [React](#), Svelte, D3.js, [WebGL](#), SVG, [Re-Frame](#).
Backend: Next.js, [Hapi.js](#), Express, Cloudflare Workers, [Flask](#).
Databases: SQLite, Firestore, PostgreSQL, MySQL, BigQuery.
Cloud/Platforms: [GCP](#), Cloudflare, AWS, Fly.io, Cloudinary.
APIs: Stripe, HubSpot, Reddit.

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.