Edoardo Ceccarelli   Software Engineer with 20+ years experience specialising in server side stacks

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Full Stack Software Engineer   **RealVNC**   **2022 – 2023**

- Developed a Go backend and Vue3 frontend of Rport, open source remote management solution: various API upgrades and new endpoint features; unit testing; code reviews; database migrations; Github actions builds and testing; OpenAPI documentation
- Developed Windows signed MSI client installation package, with upgrade and uninstall simulations
- Participated in the design and development of the project's SaaS architecture. Actively engaged in various meetings and collaborated with cross–functional teams throughout the process

Senior Software Engineer   **Learnlight**   **2021 – 2022**

- Responsible for development, testing and maintenance of a db sync procedure (PostgreSQL with RLS)
- Responsibility of a b2b analytics application for the e–learning managers, it was written in Node.js (Typescript + Javascript) querying a PostgreSQL RLS backend in GraphQL – responding to business and stakeholders requests, overlooking deployments (Jenkins), developing and deploying new features
- Engineered a cloud native version of the entire stack, providing a secure sandbox environment for development of new features, slow queries search and performance testing

Full Stack Mobile Engineer   **Freelance**   **2019 – 2021**

- Coded a Facebook messenger chatbot MVP template, using Node.js (for the BOT's), golang (for the data layer with gRPC) and PostgreSQL – all containerised (Docker) – this was applied to two clients
- Developed a classified ads Flutter mobile app, Figma specs, native look and feel: iOS and Android
- Designed and developed an iOS Twitter client in Objective C, caching of Twitter API and a Go server architecture to receive remote logging from the devices

Backend Software Engineer   **PortaPortese**   **2012 – 2018**

- Managed 20+ data integration partners with a data exchange framework written in Go and Java
- API layer in JAX–WS serving: websites, mobile apps and data integration partners (REST + SOAP)
- Implemented a Docker architecture for a legacy backend, breaking it down into containers and reducing maintenance costs by up to 50%

Full Stack Software Engineer   **PortaPortese**   **2006 – 2011**

- Designed, created and maintained a classified media portal, a Java Web Application with proprietary payment system, image server with caching, pre–cloud era running on 2 front end servers + 3 back end servers for a web application serving 900.000 unique visitors per month (~ 50M page views)
- Coded an in–application PostgreSQL db replication system to achieve 200.000+ simultaneous sessions

Software engineer, IT Consultant   **various clients**   **1997 – 2005**

- Responsible for the development of a CRM/OMS in the pharmaceutical field
- Developed various e–commerce Java web applications frameworks in Java, ER database design

Languages, Tools, APIs

English (fluent), C, C++, Objective C, Java, Go, Dart, React Native, Javascript, SQL – Row Level Security

Git, Bash, Xcode, macOS, Linux, VS Code, Docker, Maven, PostgreSQL, MySQL, SQLite, Flutter, Eclipse

GraphQL, PostGraphile, XML, JSON, SOAP, XSD, WSDL, WebSockets, facebook Graph API

Education

"La Sapienza" University of Rome   **1993 – 1996**

- Bachelor Degree in Computer Science and Automation Engineering