

# RICCARDO TREBBI

Sr Software Engineer

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D.O.B. 08 June 1989



## KEY POINTS

- . Bachelor in Computer Engineer in 2012 - maximum grades
- . 9+ years experience as full stack developer of responsive and scalable web applications using RESTful Web APIs (.NET, JAVA, C# and NodeJS) as well as Serverless applications on AWS Cloud Platform.
- . Advanced knowledge of Angular framework and most common frontend technologies (AngularJS 1.x and Angular 2+, HTML5, CSS3 or LESS/SASS)
- . Expertise with database management and reporting (SQL Server and SSRS Report) along with non relational DB such as MongoDB.
- . Good knowledge of the most common practices and tools, such as Agile, DevOps, GIT, GIT workflow, JIRA, Confluence
- . Experience in mentoring other team members as well as introducing/advising new best practices in the company

## EXPERIENCE

### Tech Lead

Proquire (Perth, WA)  
Feb 2021 - Now

Proquire is a smart labelling startup that provides both hardware and software solutions to brands that want to stand out from the crowd. My function as a tech lead is to take new features from ideas to execution:  
Technologies: NodeJS API, Microservices, Angular 11, PWA Apps, AWS Cloud Platform

### Cloud Application Developer

IBM (Perth, WA)  
1 Sep 2020 - Present

Fast paced environment at a big oil and gas client in Perth as IBM consultant. I was the lead developer in a project around optimisation of asset maintenance that uses serverless framework / microservices and deploys to AWS Cloud. My responsibilities range from researching and advising over existing tools and technology limitations, to coordinate, plan and deliver design, implementation, unit testing and QA of the solution.  
The client organisation has a strong focus on CI/CD and uses a strict automated process to manage Agile development.

### Full Stack Developer

Diviv Group // St John Ambulance (Perth, WA)  
08 Jul 2018 - 31 Aug 2020

Diviv is a software consulting agency based in Perth. I have been working on site at St John Ambulance, helping to build their new web based accounting system. The system will be used by more than 10.000 of users when in production. Key tasks are:

- Discuss requirements and needs statement with the product owners, highlight technology limitations and viable solutions
- Create the DB schema, stored procedures, RESTful API endpoints and UX interface.
- Integrate with other external services using SOAP or RESTful APIs, including adding new endpoints or modifying existing ones, all while ensuring backward compatibility with existing clients.
- Migrate data from legacy applications
- Create, modify and debug complex SQL stored procedures in several databases including Microsoft GP.
- Using Microsoft SSRS for creating and exporting reports
- Assist and mentor junior members of the team as well as ensuring good practices are followed
- Write and run JUnit and SQL Server SP Tests

Technologies: ASP.NET Web API, Angular 5, SQL Server, Git/BitBucket, Jira (MVC, Entity Framework and KnockoutJS for other connected apps), Microsoft GP, SSRS Report Server

## Full Stack Web Developer - B2B eCommerce Web App

iiSnap // ProQure (Perth, WA)

26 Sep 2016 to 20 May 2018

iiSnap (now ProQure) is a startup based in Perth focused on building a b2b worldwide social buying platform. I was the lead developer in charge of architecturing the system, defining the processes, creating the technical specifications, implementing and testing this app.

- Working closely with the CEO and CTO to refine the algorithm and adding new key features / intrgrations to the system
- Create RESTful endpoints using NodeJS and Mongoose to ensure a smooth and reliable interaction between the app parties (frontend, backend, db)
- Develop cross-browser, cross-device, mobile-friendly UX using AngularJS framework and Material / Bootstrap
- Test, deployment, release management using CD with AWS CodeDeploy and CodePipelines
- Meeting with investors and third party partners as well as attending trade shows to showcase our system
- Mentor junior developers and ensure good practices were followed to write elegant and maintainable code
- Designed and implemented <https://www.proquire.io/> website

Technologies used: AngularJS, NodeJS and Mongoose, MongoDB, REST APIs, GIT workflow, Karma and Selenium

## Software Engineer - Google Web Apps

Injenia S.r.L (Bologna, IT)

17 Apr 2013 to 27 May 2015

Injenia is a Google Italian Partner for custom business solutions integrating with Google Cloud Platform. Projects were usually 2-3 months and as such I delivered many different solutions throughout my experience there. Some key responsibilities:

- Discussing with client the technical requirements as well as choosing the right applicable technologies among the Google Cloud services
- Designing the architecture of the system (backend and frontend). Implementing RESTful APIs and systems closely integrated with Google MySQL and Google AppEngine.
- Implementating, testing and organising delivery and support
- Holding classes for teaching Google Apps Script to the clients

Technologies: JAVA, AngularJS, HTML, CSS, Javascript, Google Cloud Platform, MySQL DB and PostgreSQL.

## Software Engineer - Claim Management System

Sempla Srl / Unipol

07 July 2012 to 02 Jan 2013

Sempla (now GTF group) is a company that provides consultants for banking and insurance projects in Italy. I was working on site at Unipol Assicurazioni, one of the biggest insurance in Italy.

- Agile environment, development divided into sprints and scrums held every morning
- Big development team of 80+ developers organised in small 6 people teams
- Implementing new features using GOSU (proprietary language), MySQL, Javascript and HTML
- Work closely with product owners, business analysts and QA to ensure requirements were met
- Code reviews other team members' code and ensure good practices were followed.

Technologies: GOSU (Java / Javascript proprietary language), MySQL, HTML, SVN.

## **MY PROJECTS**

### **AlmaMedia**

Google Chrome App with 10.000 users

Independently created a Chrome extension app for University of Bologna students. This app enables to get statistics and tips about the grades of the student and was implemented using Javascript and HTML parsing techniques.

## **EDUCATION**

### **Computer Engineering Bachelor - Università di Bologna - ECTS A**

Thesis on “Middleware and applications for mobile devices based on multihoming and MPTCP”

## **PERSONAL**

A curious person who likes to keep up to date with the recent technologies in web development.

Being fit is a very important part of my life: I have been practicing gymnastic for 5 years and I am also a fan of wakeboarding and motocross.