

# ANDREA VALLA

SOLUTION ARCHITECT - FULL STACK DEVELOPER

## Professional summary

Experienced full stack programmer: developed enterprise level and scalable web applications.  
Experience in both client and server side programming.  
Background in all steps of software engineering including analysis, design, coding, testing and implementation.  
Enjoy learning and staying current on bleeding edge technology, systems, libraries and frameworks.  
Grown with shells, linux user since '95 :)

## Technical skills

Frontend **React**, **Redux**, **Apollo**, **Gatsby**, **Gulp**, **Sass**, **Webpack**  
Backend **NodeJs**, **Express**, **Koa**, **GraphQL**, **AspMVC**, **Php**  
Mobile **iOS**, basic knowledge of android development  
Testing **Jest**, **Cypress**  
Languages **Javascript**, **C#**, **Swift**, **Php**, **Objective-C**  
Databases **MongoDb**, **SqlServer**, **MySQL**, **SQLite**, **Oracle**  
Business Intelligence **SSIS**, **SSRS**, **Pentaho Kettle**, **Cubejs**  
Operating systems **Linux**, **Unix**, **MacOSX**, **Windows**  
Devops **Docker**, **CI/CD on Github and GitLab**  
Cloud **Azure**, **AWS**

## Professional experience

**FULL STACK DEVELOPER** :: FEB 2022 - TODAY  
BRANDSDISTRIBUTION.COM :: TURIN, ITALY

Developed integrations between BDroppy (a dropshipping application) and external ecommerce platforms (e.g. shopify, squarespace, wix, ekrm).

*Typescript, NodeJs, React, Jest, Redux, Moleculer, Redis, MongoDb*

**CTO AND CO-FOUNDER** :: MARCH 2018 - JAN 2022  
AGILE FACTORY - POLITECNICO DI TORINO SPINOFF COMPANY :: TURIN, ITALY

Developed MES solution for SMEs. It helps manufacturing industries to accelerate their production processes, showing data in realtime. Connected to IIOT devices via OPC-UA or MQTT and communicates with customer's ERPs via ETL.

*NodeJs, GraphQL, React, Jest, Cypress, Apollo, Redux, MongoDb, Redis, Github, Docker, mqtt, OPC-UA, S3, Lerna, Kettle, Sonarqube*

**FULL STACK DEVELOPER** :: JUNE 2015 - MARCH 2018  
INDUSTRIAL CLOUD - POLITECNICO DI TORINO SPINOFF COMPANY :: TURIN, ITALY

Developed web applications for manufacturing industry, from analysis to customer deployments and updates.

*NodeJs, React, Elastic Search, Mysql, Php*

**FULL STACK DEVELOPER** :: SEPTEMBER 2010 - JUNE 2015  
INTESA SANPAOLO :: MONCALIERI (TURIN), ITALY

Developed web interfaces, ETL and reports on Microsoft environment.

*.net, Javascript, EF, Dapper, SqlServer, SSRS, SSIS, ASPMVC, WebForms, jQuery, KnockoutJS, Twitter Bootstrap, Sharepoint*

**DEVELOPER AND SYSTEM ADMINISTRATOR** :: SEPTEMBER 2003 - SEPTEMBER 2010  
REPLY SPA :: TURIN, ITALY

Consultant on different kind of projects, from development to system administration, on Linux, Unix and Microsoft environments.

*.net, WebForms, Javascript, Linux, Unix, BMC ITSM*

**UNIX SYSTEM ADMINISTRATOR** :: JULY 2002 - JULY 2003  
GLOBAL VALUE SERVICES :: TURIN, ITALY

System and application management on some FCA websites.  
*HPUX and custom web applications*

## Informations

Birth date **9 august 1980**, Turin, Italy  
Phone **+39 335 82 30 421**  
Email **valla.andrea@gmail.com**  
Website **<https://avalla.github.io>**

## Languages

**Italian** Mother tongue  
**English** Fluent  
**German** Beginner

## Education

**M101JS MongoDB for NodeJs developers** :: 2014  
**M102 MongoDB for DBAs** :: 2014  
**Unix and Linux administration course**  
Immaginazione e Lavoro, Torino, IT :: 2002  
**High school diploma** Galileo Ferraris, Torino, IT :: 2002

## Other projects

### Malingering :: 2020

Used to test the effectiveness of psychological tests. It was developed with Gatsby, React, Redux, FaunaDb and deployed on Netlify, using web and functions.

### Sphere Contents :: 2020

IPs Browser for movies, serials, books and comics. Developed with Gatsby, React, Redux, Algolia, and Wordpress, deployed on Netlify (only web). Content managers configure contents on Wordpress panel.