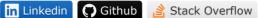
# ANDREA VALLA

FULL STACK DEVELOPER







## Professional summary

Experienced full stack programmer: developed enterprise level and scalable web applications. Experience in both client side 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 Tools Docker, Lerna Databases MongoDb, SqlServer, MySql, Sqlite, Oracle Business Intelligence SSIS, SSRS, Pentaho Kettle, Cubejs Operating systems Linux, Unix, MacOSX, Windows Devops CI/CD with gitlab pipelines Cloud Azure, AWS

## Professional experience

SOLUTION ARCHITECT AND FULL STACK DEVELOPER:: JUNE 2015 - TODAY INDUSTRIAL CLOUD - POLITECNICO DI TORINO SPINOFF COMPANY :: TURIN, ITALY

Developed web applications for the manufacturing industry, created an internal infrastructure with CI/CD using self-hosted Gitlab. PM using GitLab issues and milestones.

Last project is Agile Factory, a MES solution for SMEs. It helps manufacturing industries to accelerate their production processes, showing workers and machine data in realtime. Agile Factory is connected to IIOT devices via MQTT or OPC-UA and communicates with customer's ERPs.

NodeJs, GraphQL, React, Jest, Cypress, Apollo, Redux, Elastic Search, Mysql, MongoDb, Redis, Gitlab, Docker, Mqtt, OPC-UA, S3, Lerna, Kettle, Sonarqube

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, ¡Query, KnockoutJS, Twitter Bootstrap, Sharepoint

#### 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 ::

High school diploma Galileo Ferraris, Torino, IT :: 2002

## Other projects

#### Malingering:: 2020

This project is used to test the effectiveness of a psychological test. It was developed with Gatsby, React, Redux, FaunaDb and deployed on Netlify (web and functions).

#### Sphere Contents:: 2020

This project is a browser for IPs for movies, serials, comics and books. It was developed with Gatsby. React. Redux, Algolia, Wordpress and deployed on Netlify (only web). Users manage contents with Wordpress panel (every content type is related to a custom post type or taxonomy).

## Professional experience (continue)

**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

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 GDPR 679/16.