

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, jQuery, KnockoutJS, Twitter Bootstrap, Sharepoint

Informations

Birth date **9 august 1980**, Turin, Italy
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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

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.