

ANDREA VALLA

SOLUTION ARCHITECT - FULL STACK DEVELOPER - DATA ENGINEER

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**, **Typescript**, **C#**, **Swift**, **Php**, **Objective-C**
Databases **MongoDb**, **BigQuery**, **Postgresql**, **SqlServer**, **MySQL**, **Sqlite**, **Oracle**
Business Intelligence and DataWarehouse **Cubejs**, **BigQuery**, **Airbyte**, **SSIS**, **SSRS**, **Pentaho Kettle**
Operating systems **macOS**, **Linux**, **Unix**, **Windows**
Devops **Docker**, **CI/CD on Github and GitLab**
Cloud **Azure**, **AWS**

Professional experience

FULL STACK DEVELOPER AND SYSTEM ADMINISTRATOR :: FEB 2022 - TODAY
BRANDSDISTRIBUTION.COM :: TURIN, ITALY

Created integrations between BDroppy (a dropshipping application) and external ecommerce platforms (e.g. shopify, squarespace, wix, ekm). Applications published on Shopify AppStore, Wix AppStore.

Created BI platform to analyze costs and ROI, using **BigQuery**, **AirByte**, **CubeJs**, **DataStudio**
Typescript, NodeJs, React, Jest, Redux, Moleculer, Redis, MongoDb, BigQuery, CubeJs, Shopify, Sonarqube

CTO AND CO-FOUNDER :: MARCH 2018 - JAN 2022
AGILE FACTORY - TURIN, ITALY

Created a 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. Two different web applications, one backend, communication was made with GraphQL.

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

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

Created 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

Created web applications, 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

Information

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

Created a web application that analyze the effectiveness of psychological tests. It was developed with Gatsby, React, Redux, FaunaDb and deployed on Netlify, using functions for backend.

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.