

ANDREA VALLA

SOLUTION ARCHITECT - FULL STACK DEVELOPER - BI DEVELOPER

Professional summary

Experienced Full Stack Developer: Crafting enterprise-level and highly scalable web applications with precision. Proficient in both client and server-side programming, ensuring comprehensive solutions.

Well-versed in all facets of software engineering, from meticulous analysis and thoughtful design to flawless coding, rigorous testing, and seamless implementation.

Passionate about continuous learning and embracing cutting-edge technology, staying at the forefront of evolving systems, libraries, and frameworks.

A seasoned Linux user since '95, with a deep-rooted affinity for shells and a passion for mastering the command line.

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

Developed seamless integrations between BDroppy, a dropshipping application, and various external ecommerce platforms, including Shopify, Squarespace, Wix, and EKM. Applications successfully published on both the Shopify AppStore and Wix AppStore, enhancing user experience and expanding business reach. Pioneered the development of a BI platform, utilizing advanced technologies such as BigQuery, AirByte, CubeJs, and DataStudio. This platform empowered businesses to analyze costs and ROI driving data-informed decision-making and strategic growth.

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 real-time MES solution for SMEs, revolutionizing manufacturing processes. Integrated with IIoT devices via OPC-UA/MQTT and customer ERPs via ETL. Developed two web applications with GraphQL for efficient communication between front-end and back-end components.

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>**

Github **[Link](#)**

Linkedin **[Link](#)**

Stackoverflow **[Link](#)**

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

Developed a Gatsby-based web application for analyzing the effectiveness of psychological tests. Utilized technologies such as React, Redux, FaunaDB, and deployed on Netlify. Leveraged serverless functions for backend functionality.

Sphere Contents :: 2020

Developed an IPs Browser web application for movies, serials, books, and comics. Leveraged Gatsby, React, Redux, Algolia, and Wordpress to create a dynamic and interactive user experience. Deployed on Netlify for web access. Utilized a user-friendly Wordpress panel for content managers to configure and update the application's contents.