

# VALERIO INNOCENTI SEDILI

+393311202861 – [info@vinnocenti.com](mailto:info@vinnocenti.com) – Bologna (Italy)



Hi, my name is Valerio, and I am a web developer. I am searching for passionate people that love to share knowledge and ideas. I am a maker. I enjoy seeing my projects at work, thoroughly understand the tools I am using, to create something good. I currently work as full stack tech lead in Abstract. In my free time, I am an active volunteer in scouting and in the local developer communities.

## WEB DEVELOPMENT

React, Typescript, GraphQL, HTML, Javascript (ESNext)  
CSS, Sass, CSS in JS (styled components)  
Node, Webpack, Express, Fastify, MongoDB REST API  
C# ASP.NET, Wordpress plugin and theme development  
CICD (Gitlab, Jenkins), Docker, Git  
Network and cloud (AWS, Azure, Digital Ocean)  
W3C standard and Web Content Accessibility Guidelines

## OTHER PROFESSIONAL SKILLS

Agile and Scrum development experience  
Experience in project and people management  
Critical and proactive thinker  
Comfortable with being the 'go to' person in a company  
Focus on performance budget and mobile development  
Machine Learning and scientific programming  
Design, UX (Photoshop, Illustrator) and 3d graphics

## EMPLOYMENT

2019 – present

### FULL STACK TECH LEAD – Abstract S.r.l.

Maintenance and development for Kiosks Web Application, internal tools,

- + GraphQL API layer using Typescript, Redis to WCS, Solr and Magento REST API
- + Multiple Frontend Application using Typescript, React, Redux and Apollo client
- + API schema testing and mock with Node.js
- + Virtual Mirror SSR share Webapp using HTML Canvas, Next.js and Azure Cloud Storage
- + Core Media companion translation tool with React, Typescript and Python Flask
- + Microservices for remote optometry with Fastify, MongoDB and JSON Schemas
- + Shared React Component library using Lerna
- + API performance optimisation and load testing using Artillery
- + Accessibility refactor for React Application
- + Webpack plugin development

2016 – 2019

### FRONTEND DEVELOPER – Yoox Net a Porter - Modis

Maintenance and development for [www.armaniexchange.com](http://www.armaniexchange.com) and [www.kartell.com](http://www.kartell.com) inside a team using Agile and Scrum methodologies

- + ASP.NET MVC development using internal Framework
- + Wordpress theme and store locator development
- + Legacy code and Accessibility refactoring
- + Node.js and Selenium library development for e2e browser testing (main maintainer)
- + Jenkins library development using Docker on Linux and Windows (lead developer)
- + React PWA poc for school coaching (speaker and lead developer)

2014 – 2015

### HIL TEST DEVELOPER – Intern at Magneti Marelli

- + Software development for HILs applications
- + Python control library development
- + Matlab Simulink model testing and validation

2011 **INFORMATION RETRIEVAL** – in Cervetti Project using python  
 2008 **IT TECH SUPPORT** – in Arpa Emilia Romagna

## EDUCATION

2016 **JUNIOR INTERFACE DEVELOPER** – OverNet Education  
 + ASP.NET MVC programming  
 + ADO.NET Entity Framework and SQL  
 + HTML, CSS, JS development

2016 **EMBEDDED SOFTWARE DEVELOPER** – Futura  
 + Arduino and Raspberry Pi development  
 + Linux bash scripting and C Library Development  
 + STM32F4 ARM Cortex programming  
 + Networking, I2C and CAN bus  
 + HTML, CSS, JS development

2009 – 2015 **PHYSICS BACHELOR'S DEGREE** – Not Achieved – University of Bologna  
 + Thesis: Validation of a Diesel engine model for hardware in the loop simulations  
 + C++ MPI Cluster programming for scientific computing  
 + C++ QT genetic algorithm machine learning bot

2015 **MACHINE LEARNING COURSE** – Coursera

2011 **PARALLEL OPENMP PROGRAMMING** – CINECA

2009 **NUCLEAR PHYSICS RESEARCH** – summer internship at INFN-LNF

## PROJECTS

2018 - present **OPEN SOURCE CONTRIBUTION**  
 Vercel SWR, CucumberJS, Object fit polyfill, BolognaJS website and tools, Docker frontend tools

2017 – 2018 **IOT GARBAGE COLLECTION MONITOR** Node-RED and Mapbox API

2015 **WORDPRESS PLUGINS DEVELOPMENT** bolognacngei.it

2013 **ARCHEOLOGICAL SITE VISUALIZATION** 3D reconstruction using unity

## VOLUNTEER EXPERIENCE

2008 – present **SCOUT LEADER** – CNGEI  
 + Cub and Rover scouts leader  
 + World Scouting's Wood Badge

## HOBBIES AND INTERESTS

I like to go outdoors to disconnect: biking, camping and hiking (I should find more time for these activities as I am a little fat). I enjoy computer games, sci-fi movies, TV series and books, tabletop games and RPGs. Really passionate about science, astronomy and technology in general.