

VALERIO INNOCENTI SEDILI

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Hi, my name is Valerio, and I am a programmer. I like writing code, experimenting with innovative approaches, learning and doing research. I am passionate and curious about news in the developer community and I like to thoroughly understand the tools I am using. I work as a front-end web developer in Abstract. I studied physics and learned on the field in many technological fields. 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
Node, Webpack, Express, MongoDB REST API
C# ASP.NET, Wordpress plugin and theme development
CI/CD (Gitlab, Jenkins), Docker, CI/CD, 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

FRONTEND DEVELOPER – Abstract S.r.l.

Maintenance and development for Smartshopper Web Application, internal tools,

- + Headless Node.js application using Express and MongoDB.
- + Static Website using React and GatsbyJS

2016 – 2019

FRONTEND DEVELOPER – Yoox Net a Porter - Modis

Maintenance and development for www.armaniexchange.com and 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 **OPEN SOURCE CONTRIBUTION**

Zeit 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 scouts leader
- + Rover scouts leader
- + World Scouting's Wood Badge

HOBBIES AND INTERESTS

I like to go outdoors to disconnect: running, 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.