Matteo Presot

Freelance programmer

I am a mechatronic engineer with a passion for programming and a strong background in the automotive industry. Since 2021 I have been a freelancer, supporting small companies that move towards data digitization.

I am the founder of **8dplus.com**, the first module of a suite of web services to improve process quality data management, according latest automotive Standard and best practices. Currently working of FMEA, process flow and control plan development.

Contact

✉ sot@8dplus.com

Education

2008
Mechanical Engineer
Università degli studi di Udine

2010
Mechatronic Engineer
Politecnico di Torino

Expertise

- *PHP Laravel*
- *Typescript, Vue, Nuxt*
- *CSS, Tailwind*
- *Postgres, MS-SQL*
- *Git, Docker*
- *AWS, Azure (AZ-100)*

Language

Italian

English

Experience

✔ *Fullstack developer*

Freelance - from 2021 to now

Develop complex web applications, responsive web-sites and open source modules, using most recent frameworks Laravel and Vue. All solutions are self deployed on AWS, leveraging serverless technology and docker containers. Teaching coding and design programming at Laramind web school, in small IT digital-companies, I regularly act as consultant, supporting customer private projects.

○ *Lead Data and Quality Engineer*

Punch Torino - from 2020 to 2021

In addition to supplier quality tasks, I have been involved in the development of several software tools for quality data management. The focus of the applications was to monitor team performance, balance the workload and estimate the production capacity of automotive suppliers. I specialized in data analysis and web interface design.

○ *Senior Design Responsible and Supplier quality*

General Motors - from 2014 to 2020

Specialist for sensors design and system integration. Lead product development through all phases of APQP. Qualify and monitoring main European suppliers of electronic sensors, driving them to excellence on first time quality, error prevention and prediction.

○ *Technology system engineer*

General Motors - from 2011 to 2014

Design and development of strategies for the controlling internal combustion engines. Focus on model based design and automatic code generation via Matlab and Simulink. Author of several patents relating to injection and air loading control systems.

Projects

8D Plus   8dplus.com

Cloud platform designed to support manufacturing companies on effectively managing product non conformities, monitoring problem resolution activities and tracking of the costs.

Laravel Nuxt Precognition   github.com/sot1986/nuxt-laravel-precognition

Open source module designed for Nuxt 3 framework and native Javascript Fetch API, to allow precognitive user input validation when using Laravel Framework.