# Michael Cuelli

Frontend Software Engineer

🏠 Showcase    ⬡ My git    in Michael Cuelli    ✉ michael.cuelli@gmail.com    ☎ 3396137065

## EXPERIENCE

### SOLUZIONI INFORMATICHE | FRONTEND DEVELOPER

**April 2021 – Current | Brescia, Italy**

➜ Build a template with a sistem of dashboards that you can fully manage with the UI, 3 types of menu, which you can choose from a settings drawer and also a light/dark mode (using sass and ts to change colors). I use React and typescript, so .tsx files instead of .jsx, relying on axios to make API calls. In this template i try to respect as much pattern/principles as i can, such as SOLID(Single responsibility principle applied to functional components instead of class to maintain a range of 60 to 100 of written rows code which is what React code writers suggest, Open/closed principle, Interface segregation principle), GRASP pattern (Low Coupling, High Cohesion,Controller) and also with redux we can assume that we use a sort of gang of four pattern(Observer) and obviously the state pattern of the gang of four which React functional components are based on.

➜ Implementation of WMS portal, with missions, picking and packing list management. In this project, with the help of some NPM packages (three.js,react-three/fiber) there is also a 3D warehouse generator, so the customers can see how their storehouse looks like.

➜ Created a software that manages customers,suppliers and the creation of metal components sketches(e.g. gears, pipes...) through a third-part software. For this program I used c# (winform) and I also had to migrate an old access database to sql server.

## PROJECTS

### RECOMMENDER SYSTEM NEIGHBORHOOD USER-BASED | PYTHON, SQL

**2020**

➜ I used a database with more than 100.000.000 ratings of films, which Netflix released in 2008, to build a Recommender System that recommends the best movie to a specific person based on the other users who are similar to him/her.

## EDUCATION

### UNIVERSITÀ DEGLI STUDI DI BRESCIA | BACHELOR'S IN COMPUTER SCIENCE AND ENGINEERING

**Feb 2021 | Brescia, Italy**

➜ Department of Information Engineering

**89 / 110**

### INSTITUTE LUIGI CEREBOTANI | DIPLOMA COMPUTER SCIENCE AND TELECOMMUNICATIONS

**June 2016 | Lonato, Italy**

**97 / 100**

## SKILLS

### PROGRAMMING

**Proficient:**
TypeScript • TSX/JSX • CSS • HTML

**Experienced:**
JavaScript • Java • SQL • SASS

**Familiar:**
LATEX • C#

### LIBRARIES/FRAMEWORKS

Node.js • React • Ant Design • react-router • recharts • redux • axios • three.js • @react-three/fiber • @react-three/gltfjsx

### TOOLS/PLATFORMS

Git • Webpack • NPM

## LANGUAGES

Italian • English • Norwegian(studying)

## HOBBIES

### CONTENT CREATOR | TIKTOK

**Dec 2020**

In my spare time I run the Law_Battery TikTok profile. I create Informational content mainly focused on mangas that I have read, which is another of my passions.