



# GERALDO MATRAKU

Frontend Developer

## CONTACT

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Geraldo Matraku

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Portfolio

## EDUCATION

Faculty of Natural Sciences, Tirana

Bachelor in Informatics

2023 - Present

## PROJECTS

Flight Management System - [Full-Stack]

Admin Dashboard - [Front-end]

Flight Tracker - [Front-end]

Pharmaceutical Store - [Front-end]

Users Management API - [Back-end]

## LANGUAGE

Albanian

English

## ABOUT ME

I am a dedicated and hardworking individual with a passion for technology and programming. With a strong foundation in **Frontend Technologies**, including **HTML5**, **CSS3**, **JavaScript (ES6+)**, and **Angular (v8-v20)**, I enjoy creating **dynamic** and **user-friendly web applications**. I am experienced with **Node.js** for backend development and comfortable working with both **SQL** and **NoSQL** databases, such as **MySQL** and **MongoDB**. Additionally, I have hands-on experience with **unit testing** in **Angular** using **Jasmine** and **Karma**. I am eager to learn new technologies and stay updated with industry trends.

## EXPERIENCE

Frontend Developer

2022 – Present

### Freelancing

- Proficient in **HTML**, **CSS/SCSS**, **Tailwind** and **JavaScript** for creating **interactive** and **dynamic** web pages for a better user experience.
- Developed **pixel-perfect**, **responsive** designs for optimal user experience on all devices.
- Familiar with **best practices** for clean, modular code to improve scalability and readability.
- Built modern **Single Page Applications (SPAs)** using latest **Angular** versions, leveraging **components**, **services**, **routing**, and **forms**.
- Designed and developed reusable **Angular** components to maintain **consistency** and reduce code duplication across the application.
- Applied **RxJS** for **reactive** programming, managing **asynchronous** data streams and enhancing performance.
- Implemented **state management** using **NgRx Store** to handle complex application state in a predictable and scalable way.
- Implemented **Angular Signal Store** for **reactive state management**, enabling efficient state updates.
- Followed **Angular best practices** for **performance optimization**, developing **zoneless applications** for **faster rendering** and **improved efficiency**.
- Adapted and implemented **client requests** for **customized**, **functional** websites.
- Integrated **RESTful APIs** using **Node.js** and **Java**, following the **MVC** pattern to keep backend logic **organized** and **scalable**.
- Experienced in working with **SQL (MySQL and PostgreSQL)** and **NoSQL (MongoDB)** databases
- Knowledge in **version control** systems like **Git** to manage and track code changes effectively.

## CERTIFICATIONS

- Build Responsive Real-World Websites with HTML and CSS, **Udemy**
- Advanced CSS and Sass: Flexbox, Grid, Animations and More!, **Udemy**
- The Complete JavaScript Course 2024: From Zero to Expert, **Udemy**
- Angular - The Complete Guide (2025 Edition), **Udemy**
- Node.js, Express, MongoDB & More: The Complete Bootcamp, **Udemy**