

MAXIM FRANCESCO

*Junior Frontend / Fullstack Developer | Angular •
Spring Boot • Firebase*

✉ maaximfrancesco@gmail.com ☎ +40783117797 📍 Cluj-Napoca, Romania

🐙 github.com/francescomaxim 🔗 linkedin.com/in/francescomaxim

🔗 <https://francescomaxim.github.io>

Profile

I'm a Computer Science student and Frontend Developer Intern at NTT DATA, with real-world experience building scalable web apps using Angular, Firebase, and Spring Boot. Passionate about building modern, responsive UIs and working with clean architecture, I'm now looking to join a team where I can contribute, learn fast, and deliver value as a Junior Frontend/Fullstack Developer.

Professional Experience

NTT DATA

07/2024 – present

Frontend Developer (Intern)

Cluj-Napoca,
Romania

- Built and maintained Angular components for scalable enterprise apps.
- Collaborated in Agile sprints, participated in code reviews and daily standups.
- Integrated Firebase services and REST APIs, ensuring responsiveness and performance.
- Applied best practices in clean code, DRY principles, and reusable modules.

Education

Bachelor's Degree in Computer Science

2022 – present

Technical University of Cluj-Napoca

Cluj-Napoca,
Romania

- Learned core programming concepts through hands-on courses such as **Programming Techniques** (C/C++), focusing on algorithms, data structures, and memory management.
- Developed understanding of **Software Engineering** principles, including Agile methodologies, software lifecycle, version control, and team collaboration.
- Strengthened algorithmic thinking in **Fundamental Algorithms**, solving complex problems using techniques like divide & conquer, dynamic programming, and greedy algorithms.
- Gained experience in **Software Design**, learning how to structure scalable applications using object-oriented design principles and design patterns.

Skills

Frontend – Angular, TypeScript, RxJS, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend – Firebase (Auth, Firestore, Hosting), Java Spring Boot, REST APIs

Tools – Git, GitHub, Postman, VSCode, npm, Jira, Trello

UI Design – CSS Grid, Flexbox, Sass, Angular Material

Projects

Classter – Smart School Management App

Angular, Firebase, NgRx, Gemini API, Google Vision API

A full-featured school management platform for teachers and students, offering AI-driven tools for managing courses, assignments, attendance, and real-time notifications.

- Developed fully with Angular Standalone Components and NgRx for scalable state management.
- Integrated Gemini API for automatic course summaries and intelligent chatbot feedback.
- Used Google Vision OCR to extract and validate student assignment content from scanned images.
- Role-based access (admin, teacher, student) with protected routes and Firebase Authentication.
- Implemented dashboards, analytics, and custom Excel exports for attendance and performance.

Tinder Clone

Angular, Spring Boot, MySQL, REST API

A fullstack clone of Tinder, focused on connecting developers through swiping, matching, and chatting functionalities.

- Created complete frontend UI using Angular and responsive design principles.
- Built backend REST API with Spring Boot and MySQL for users, profiles, likes, matches, and messages.
- Designed and implemented logic for swiping, match generation, and message history per match.
- Modular project structure with clean architecture and future-ready support for WebSocket chat.
- Practice-oriented project focused on real-world authentication flow and component communication.

Expense Tracker Web App

Angular, Firebase, Gemini API, Google Vision

A smart personal finance tracker that uses AI and OCR to categorize and analyze your expenses with visual insights.

- Created intuitive UI for adding, editing, and visualizing daily/monthly expenses.
- Integrated Google Vision API to extract data from scanned receipts using OCR.
- Used Gemini API to generate smart summaries, tips, and personalized financial insights.
- Implemented a chatbot assistant and analytics dashboard using Angular charts and cards.
- Firebase used for real-time database, auth, and cloud hosting with responsive performance.