



CONTACT

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EDUCATION

2023 - FONTYS HOGESCHOOL

- Bachelor of ICT
- Specialisation: Media Design - Media Creation

2018-2022 LICEUL TEORETIC C.A. ROSETTI

- Mathematics-Informatics

SKILLS

- **Programming:** C#, C++, Python, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** React, React Native, Node.js/Express, Three.js, MongoDB/Mongoose, Firebase, PyQt
- **Tools & Design:** Git/GitHub, Figma, Adobe (Photoshop/Illustrator), Blender, Trello, Strapi, Railway

LANGUAGES

- English – fluent, daily use
- Romanian – native
- German – conversational

LUCA STEFAN TOMESCU

COMPUTER SCIENCE STUDENT

PORTFOLIO:

[HTTPS://ISOPORTFOLIO.VERCEL.APP/](https://isoportfolio.vercel.app/)

PROFILE

Aspiring full-stack developer with experience building React and Python applications, from UI/UX design to deployment. Comfortable working in JS/TS, React, Node.js, and Python, with hands-on practice in databases (MongoDB, SQL) and modern tooling (Git, Docker, CI/CD). I enjoy translating user needs into intuitive interfaces and robust back-ends, and collaborating in small, fast-moving teams.

WORK EXPERIENCE

- **Holleman** October 2025 – Present
Mobile App Developer - React Native Contract
 - Built a React Native app for monitoring heavy-load transport routes used by Holleman drivers and leadership.
 - Added route-based safety features such as automated speed-limit alerts.
 - Processed GeoJSON route data into reusable logic for detecting curves and identifying speed zones.
 - Worked closely with drivers and stakeholders to refine requirements and improve the UX.
- **Holleman** August 2025 – October 2025
Website & Admin Portal Redesign - React & Strapi Contract
 - Designed and prototyped a new digital platform based on stakeholder feedback, ensuring a UX that matched Holleman's goals and usability needs.
 - Developed the responsive website and admin interface using React (frontend) and Strapi (headless CMS).
 - Built an intuitive admin panel that enables non-technical staff to update and manage site content independently.
 - Deployed the website and CMS on Railway and Vercel, establishing a reliable development-to-production pipeline.
 - Delivered the full product from UX prototype to final deployment, strengthening skills in UI/UX, frontend development, and stakeholder collaboration.
 - Live product: holleman.vercel.app

3D Scanning Research - IRON FILMS

Photogrammetry, NeRF & Gaussian Splatting

- Built photogrammetry workflows using Meshroom, improving scan quality through iterative testing.
- Researched and implemented Gaussian Splatting, producing real-time, high-detail 3D scenes.
- Developed optimized capture methods (orbital, swirl, face-forward) for clean datasets.
- Presented workflow to stakeholders, translating complex rendering tech into clear explanations.
- Documented full pipeline from photo capture to Unreal import for team use.

IMA Projects - Refuture

Web Application (Development project, React/Node.js)

- Built a full-stack web application to support refugees in the Netherlands with language learning, job searching, and navigating essential documents.
- Developed the frontend using React 19.1 with React Router, reusable components, and hooks for user profile and navigation flows.
- Implemented a secure Node.js/Express API with MongoDB and JWT authentication (bcrypt) to protect user data.
- Conducted UX research and stakeholder interviews, translating findings into user stories and actionable product improvements.

2025 University Project

UX / BRANDING PROJECTS

UX Designer

Campaign UX Project, 2024

CZ "Calculate Your Premium" Flow, Hike One Media

- Redesigned the CZ health insurance "Calculate Your Premium" mobile flow, improving clarity, consistency, and accessibility through heuristic evaluation, user testing, and competitor analysis.
- Built and iterated Figma prototypes (alignment, "most popular" button, dual dropdowns), using Trello to manage tasks and integrate user feedback into a more usable, cohesive interface.

Brand Designer

Brand identity project, 2024

Veneman en de Groot

- Developed a complete visual identity for Dutch music duo Veneman en de Groot, evolving from a dive-bar neon look to a "nighttime moonlit" abstract style based on research into lyrics, references, and atmosphere.
- Created moodboards and stylescapes using Photoshop, After Effects, and Blender, iterating with client feedback to deliver a brand that matched their musical and cultural vision.

WORK EXPERIENCE ENTRY

Software Deployment

2022

Cons IT International SRL

- Automated software deployment across Windows environments using Chocolatey, reducing manual installation work.
- Deployed and maintained customized Windows images, optimising system setups for different project requirements.
- Assisted with network and server configuration to ensure secure, stable connectivity and reliable infrastructure performance.