

Fabrizio Blasio

Aerospace Engineering Student, 20 years old

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EDUCATION

- **TU Delft (Delft University of Technology)** Delft, Netherlands
B.Sc. Aerospace Engineering (3rd Year); GPA: 8.66/10 Sept. 2024 – Present

EXPERIENCE

- **Clurasense** Remote
Co-Founder October 2025 - Present
 - Co-founded an agritech startup building weather stations for agrivoltaic plants: 6 sensors measuring up to 12 environmental parameters, reporting to a web app built for plant operators.
 - Went from idea to shipping product in 4 months by developing the hardware with an OEM and the software in parallel.
 - Sold 10 stations, monitoring 5MW of operational power plants; profitable from the first production run.
 - Orchestrated vendor qualification and OEM selection in China for the sensors, and had the structural parts made to my own design by a separate metal manufacturer to cut cost.
 - Led full-stack web development of the monitoring platform, and won 80% of customers through search advertising and the site rather than direct outreach.
- **Podere il Comunale - Hydroponics** Umbria, Italy
Agricultural Entrepreneur September 2025 – May 2026
 - Secured €70,000 in grant funding from the Umbria Region (Young Agricultural Entrepreneur award) for facility construction.
 - Ran the feasibility phase for an automated hydroponic greenhouse; stopped the project when water and municipality restrictions made it unviable, keeping the investment available for a new agricultural initiative.
- **Clura.dev** Remote / Delft
Founder & Lead Engineer July 2024 – September 2026
 - Engineered and open-sourced a modular 3D printer enclosure featuring active air filtration and real-time environmental monitoring.
 - Shipped over 150 orders to customers, funded by a Kickstarter campaign raising more than \$40,000, marketed organically to over 500k views.
 - Ran the production run on the factory floor in China, setting up assembly and quality control processes in person.
 - Fully developed CAD model on F360 for the enclosure with DSM principles in mind for 3D printing, laser cutting. Led development of PCB electronics for sensors, screen, fans integration; progressed through 2 prototype iterations.(STM32 architecture)
 - Built a full-stack web platform using React and Neon (PostgreSQL), integrating Resend for automated marketing and Stripe for payments.
 - Managed product lifecycle planning end to end, balancing manufacturing logistics, unit economics and order fulfilment as production scaled.
- **Corsari Energy** Italy
Founder February 2025 - May 2025
 - Built a complete lead funnel (site, Facebook ads, email and WhatsApp) sourcing asbestos-roof sites for a state-backed solar scheme.
 - Live in under 30 days and competing with the market leader within a month, forcing them to raise their ad spend significantly; wound down when the state deadline for project proposals ran out.
- **Podere il Comunale - Solar Farm** Umbria, Italy
Agri-voltaic Sourcing & Planning Lead January 2024 – December 2026
 - Directed the feasibility phase for 2MW of agri-photovoltaic capacity, researching permitting and geographic constraints to find three suitable sites; two were built as 1MW plants.
 - Managed international procurement directly from manufacturers: 3,600 bifacial panels, 2MW of agri-photovoltaic structure, 8 custom weather stations and the site CCTV, including logistics, customs and CE compliance.
 - Optimized capital expenditure through direct sourcing of roughly \$400,000 of equipment, achieving almost 40% cost savings against local suppliers.

PROJECTS

- **Andromeda 3D Printer** (May 2022 – May 2024): Designed an open-source Delta 3D printer with a novel moving-bed system able to eject finished prints automatically, for print farms. 350mm diameter by 400mm build volume, designed in Fusion 360 and Solidworks. Two years of mechanical R&D, a working prototype built with a Chinese manufacturing partner, and the design published openly.

SKILLS

- **Proficient:** Fusion 360, Catia, Python, LaTeX, Git/GitHub, VS Code, Antigravity
- **Comfortable:** KiCad, STM32, Arduino IDE, DaVinci Resolve, React, PostgreSQL
- **Languages:** Italian (Native), English (Advanced), French (B2)