

Igor Rendulic

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Professional Summary

Seasoned Python & Go engineer specializing in privacy-first, encryption-by-design systems; co-designed and scaled Azumio's food-recognition engine, led Cocooncam's AI monitoring to 50 K streams, and spearheaded HaloVision's launch to first clients in three months.

Professional Experience

Founder & Lead Maintainer *Mailio*

Feb 2025 – Present

- Engineered an end-to-end encrypted email platform with built-in client-side semantic search to maximize privacy and streamline message discovery, launching “Handshakes”—cryptographic trust contracts that drastically reduce spam and phishing. (mail.io)

Senior/Lead Software Engineer

San Francisco

Azumio, Cocoon Cam, Chrysalis Cloud, HaloVision

Jan. 2014 — July 2025

- Built and deployed Calorie Mama, achieving best-in-class accuracy (88%) in food image recognition, integrated into Samsung Bixby. (Research Paper)
- Developed Chrysalis Cloud framework managing ML infrastructure, achieving 60x cost efficiency over AWS Kinesis, processing 15+ PB monthly. (GitHub), (Demo Video)
- Key contributor to AI powered baby monitor backend, leading to acquisition by Alarm.com, generating millions in revenue and high user retention. (CNBC Review)
- Led HaloVision's AI-driven confidential conversation platform for surfacing hidden blockers in a company. From inception to securing initial clients in just three months.

Achievements

- Proposed groundbreaking proxy-based HL7 document exchange solution, becoming a national standard in Slovenia.

Education

Master's in Computer Science

2005

University of Maribor, Slovenia

Specialization: Information Extraction and Envelope Induction