

# Elad Gariany

## Turning Product Vision into Engineering Solutions

Nevada City, CA  
(347) 820.1066  
elad@gariany.com  
linkedin.com/in/eladgariany  
<https://www.gariany.com>

A self-driven and experienced leader, project manager, and software engineer with a strong track record of building innovative internet-age products. Expertise in Remote, Full Stack Engineering in audio/video automation tools and technologies. Core involvement in two successful exits to NBC Universal and SAMSUNG Research America

### WORK EXPERIENCE

#### Arcules (Milestone Systems) 06/2022 - 05/2024 Senior Software Engineer - Video & C2C Teams

- In charge of the company's surveillance video playback systems for on-prem and cloud platforms, managing and maintaining over 50k channels and 500+TB of cloud h.264 data
- Led the development of a next-generation Camera-to-Cloud (C2C) solution from inception to the market within a year
- Enhanced video extraction system (merging AV streams, timestamps overlay etc.) stability and efficiency by complete redesigning within 2 months

#### Edlyft (Y Combinator W20) 07/2020 - 03/2022 Co-founder & Lead Software Engineering

- Designed and executed a robust tech infrastructure, overseeing all aspects of software development and deployment
- Led a team of four remote engineers across Europe and Africa, ensuring effective collaboration and successful project delivery

#### Vldit Solutions (Freelance Work) 04/2017 - 07/2020

A self-owned software solutions and architecture agency, operated by myself alongside a dedicated sales partner. This U.S.-based entity enabled me to work remotely while living in Europe, India, and Israel.

##### Memoryshare.com - Simple Funeral Webcasting service

- Developed and launched a user-friendly webcasting platform that streamlined memorial services, successfully meeting client requirements within a limited budget project
- Increased customer engagement by developing an advanced rendering engine that transformed images and videos into compelling video presentations

##### Brightidea - Innovation Management Platform

- Developed a web-based conference tool that records and transcribes audio to text, harvesting 2x innovative ideas discussed during meetings.

### EDUCATION

**B.Sc. Computer Science**  
**COMAS**  
Tel Aviv, Israel

### SIDE PROJECTS

#### Eventopus.xyz

An AI-powered Online Event Aggregation System that automates communities calendar creation

#### FFmpegByExample.com

An online community for coding, learning, and sharing FFmpeg through hands-on examples

### SKILLS

Effective Communicator, Confident Presenter, Team Leadership, Team Builder, Recruiting, Entrepreneurship, Technical Management, Project Management, Product Management, Software Engineering, Scrum Agile, JIRA, Creative, Github, Slack, Zoom, Fast-paced, High-impact, Self-driven, Startup, Lean, Effective Communication, Async Communicator, Remote Teams, Managing Contractors, Hebrew

**Engineering:** Full Stack Engineering, ReactJS, Javascript, NodeJS, Kubernetes, Golang, Ruby, Ruby on Rails, Python, AWS, GCP, DynamoDB, Twilio, NoSQL, PostgreSQL, MySQL, Serverless, WebSockets, WebRTC, C, C++, C#, CI/CD, Software Coding

## **Outernets.co - Head of Engineering**

**A/V:** Audio Engineering, Video Automation, FFmpeg, WebRTC, Cloud Video, H.264, HVEC, RTMP, Wowza, WebGL

- Led 11 engineers across three specialized teams: Creative, Computer Vision, and Hardware Client, driving creative collaboration and innovation
- Designed, engineered, and deployed an on-premises hardware device for retail, enabling interactive web applications, analytics, and 24/7 video playlists per customer needs
- Partnered with McDonald's, Dylan's Candy Bar, and leading retail stores across NYC

## **Vrtigo.io (Samsung Research America) 08/2016 - 04/2017**

Incubation company founded inside the Samsung Global Innovation Center, building VR/AR analytics services for platforms such as the Gear VR, Unity & Hololens.

### **Co-founder and Frontend Engineer**

- Developed Frontend React/Redux app, including a WebGL/GLSL data visualization
- Architected a scalable big data flow using Kafka, Cassandra, Spark, and a Node.js RESTful API backend, deployed on AWS for efficient processing and management

## **Stringwire.com (NBC Universal) • San Francisco 06/2014 - 09/2015**

### **Lead Software Architect & Engineering Manager**

- Led a team of 12 developers, building three major components: Backend/WebApp, Mobile and Live Video Media Streaming service.
- My role consisted of engineering the entire platform according to business needs, developing features, and bridging discussions between the different teams.

## **Vidit.fm - Crowdsourced Video • Tel Aviv, Israel 02/2012 - 04/2014**

### **Co-founder & CEO**

- Developed a video synchronization platform, an iOS app, and a web-based HTML5 video editor, enabling live music audiences to collaborate and share their experiences online
- Fundraising, product leadership, and investor relationship management

## **CERTIFICATIONS**

## **300 Hour Yoga Teacher Training 06/2024 - 08/2024**

Yoga Alliance