

PROJECT APPENDIX - JAY TRANBERG

PROJECT SNOWMAN - IoT Clean-Tech System

- Reduced diagnostic time by 80 percent.
- Improved HV stability by 50 percent.
- ESP32-S3 firmware with BLE, NVS, reconnect logic, and secure reporting.
- Achieved TRL-5 milestone.

DR. EPIDERMUS / SKINSCAN - AI Dermatology

- Reduced misclassification by 40 percent.
- Sub 1 second inference via optimized microservice.
- Increased retention by 25 percent.

COVERCRAFT - AI Artist Branding Suite

- Reduced content creation time by 70 percent.
- 95 percent cut in outsourced design cost.
- 100 percent resolution improvement.
- Multi-path AI pipeline for visuals, lyrics, and video.

THE IN AND OUT APP - Inventory SaaS

- Reduced inventory loss by up to 50 percent.
- Saved 5 to 10 hours weekly for admin teams.
- Multi-tenant architecture scaling across organizations.

PROPROBETS - Sports Prediction Platform

- 85 percent model accuracy.
- 90 percent reduction in manual stat comparison.
- Sub 2 second dashboard loads.

HISTORICALLY ACCURATE - Era-Based Image Generator

- 50 plus historically accurate attributes.
- 2x realism improvement.
- Reduced research time by 80 percent.

THE TECHNICIAN - Gamified Automotive CRM

- Increased engagement by 40 percent.
- Reduced advisor workload by 30 percent.

- Unified 4 shop roles.

TRAVEL CHECKLIST PLUS - Rapid Build App

- MVP in 60 minutes.
- Reduced prep time by 50 percent.
- Higher completion rate by 40 percent.

WALL ST. PORTAL - Tenant Document Center

- 70 to 90 percent faster document retrieval.
- 2 to 3x faster incident response.
- Automatic sorting and tagging system.

SOUNDSCAPES AND CHILL - Multi-Track Ambient Engine

- Increased session length by 300 percent.
- Reduced battery usage by 30 percent.
- Near-zero latency audio mixing with buffer preloading.
- 99.9 percent crash-free stability.