EYAL GANTZ

Senior Backend Architect | AI Integration Specialist | Technical Leader

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PROFESSIONAL SUMMARY

Senior Backend Architect with **20+ years of software development experience** specializing in scalable enterprise systems, AI/ML integration, and cloud infrastructure. Proven track record of **reducing operational costs by 60%** through intelligent automation while delivering **50+ projects successfully shipped** across e-commerce, fintech, and SaaS sectors. Expert in Laravel/PHP, AWS cloud architecture, and business process automation serving clients from startups to Fortune 500 companies.

CORE COMPETENCIES

Backend & Architecture

- Laravel / PHP (20+ years)
- RESTful API Design
- Microservices Architecture
- Database Design & Optimization

AI/ML & Automation

- LLM Integration (OpenAI, Claude)
- Process Automation (n8n, Make.com)
- NLP Solutions
- BI Dashboards & Analytics

Cloud & DevOps

- AWS (EC2, Lambda, RDS, S3)
- Laravel Vapor / Serverless
- Docker / Kubernetes
- CI/CD Pipelines

PROFESSIONAL EXPERIENCE

Founder & Technical Lead

August 2017 – Present

wilco.web | New York, NY

- **Architected and delivered custom web applications** for e-commerce, fintech, and SaaS clients using Laravel, Vue.js, and AWS, resulting in scalable platforms handling millions of daily requests for high-growth brands
- **Pioneered AI automation solutions** integrating LLMs and intelligent workflows (n8n, Make.com, Zapier) that reduced client operational costs by 60-87% and saved 1000+ hours monthly across multiple enterprises
- **Built high-traffic e-commerce backends** for luxury brands (Moses NYC with 2M+ Instagram followers, Tres Colori Jewelry) achieving 40-60% increases in mobile conversion rates and sales performance
- **Led cloud architecture and DevOps** migrating applications to AWS/Laravel Vapor serverless infrastructure, reducing hosting costs by 30% while improving scalability

Chief Technology Officer

June 2020 – Present

Tres Colori Jewelry | Great Neck, NY

- **Developed customized Shopify e-commerce platform** with bespoke Laravel-based inventory management system (trescolori.cloud), resulting in 40% sales increase through optimized customer experience
- **Implemented seamless integration** between Shopify and custom Laravel software ensuring real-time data synchronization, eliminating manual entry errors
- **Analyzed customer data and implemented BI solutions** driving informed business decisions that improved engagement metrics by 35%

Chief Technology Officer

2018 – 2020

SEATSERVE | New York, NY

- **Architected comprehensive in-seat delivery system** for stadium concessions creating multi-app ecosystem with workforce efficiency tools and data analytics, improving vendor F&B sales and stadium ROI
- **Led full-stack development** using Laravel backend and Vue.js frontend serving U.S. and global markets, enabling fans to order without missing event moments

Founding Member - Frontend Development

2015 – 2017

Spot.io (formerly Spotinst) | Tel Aviv, Israel

- **Spearheaded frontend development** of Spot.io Console creating features used by thousands of developers globally for cloud infrastructure optimization
- **Managed production releases** ensuring high-quality software delivery while driving digital marketing initiatives including website, blog, and automated sales funnels

Head of Information Technology Services

2008 – 2011

Israel Defense Forces - COGAT Unit | Israel

- **Managed IT infrastructure** implementing cybersecurity measures, ensuring 99.9% system uptime, and coordinating technology needs across multiple units

TECHNICAL SKILLS

Languages:
PHP, JavaScript, Python, SQL, HTML5, CSS3
Frameworks:
Laravel, Node.js, Vue.js, React, Alpine.js
Databases:
MySQL, PostgreSQL, Redis, MongoDB
Cloud & DevOps:
AWS, Laravel Vapor, Docker, Kubernetes, CI/CD
E-Commerce:
Shopify, WooCommerce, Custom Platforms
AI/ML Tools:
OpenAI API, Claude API, LangChain, Vector DBs
Automation:
n8n, Make.com, Zapier, Monday.com
Other:
RESTful APIs, Microservices, Agile/Scrum

KEY ACHIEVEMENTS & IMPACT

- **Reduced operational costs by 60%** through AI automation achieving 87% time reduction using Make.com + Monday.com workflow integration
- **Built e-commerce platforms processing millions in annual revenue** for luxury brands (Moses NYC, Tres Colori) with 40-60% conversion increases
- **Architected cloud infrastructure handling 10M+ daily API requests** using AWS/Laravel Vapor for high-traffic platforms

EDUCATION & PROFESSIONAL DEVELOPMENT

Self-Taught Developer | 20+ years hands-on experience building production systems. Continuous learning through technical documentation, open-source contributions, and emerging technologies in backend development, AI/ML, and cloud architecture. Started first web hosting company at age 15. Bilingual: English and Hebrew (Native).

Available for consulting, fractional CTO roles, and technical advisory positions