

# GREGORY BUZDYK

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## Summary

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Technical Lead with 10+ years shipping production SaaS. Builds across ML engineering, cloud infrastructure, and full-stack product development. Recently built a content discovery platform solo – from CLIP inference to Kubernetes – and led Podcorn through a \$10M acquisition.

## Technical Skills

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**Languages:** Python, PHP, JavaScript/TypeScript, Go

**ML:** OpenCLIP/PyTorch, pgvector, Vector Search, Classification Pipelines

**Frameworks:** Laravel, FastAPI, Vue.js/Nuxt

**Infrastructure:** Kubernetes, Terraform, Docker, AWS, OVH, NATS JetStream, Grafana

**Data Stores:** PostgreSQL, MySQL, Redis, ClickHouse, Meilisearch

## Experience

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### Founder & Solo Developer

2025 – Present

*Content Discovery Platform*

*Remote*

- Built dual-modality semantic search with CLIP: text-to-image and image-to-image queries against vector embeddings in pgvector with HNSW indexing
- Designed 6-stage async pipeline via NATS JetStream: ingestion, three-tier deduplication (SHA256 + pHash + cosine similarity), ML classification, and CDN delivery
- Built trainable moderation system with custom binary MLP heads on frozen CLIP embeddings and user feedback loop; open-sourced as Headmaster
- Provisioned production infrastructure on OVH: managed Kubernetes via Terraform, private vRack networking, Grafana Cloud observability (Loki + Prometheus)
- Nuxt 4 SSR frontend with semantic search, masonry layout, and admin tools; Laravel REST API with moderation queue and batch operations

### Senior Fullstack Developer & Tech Lead

2016 – Present

*Mayven Studios*

*Remote*

Long-term contract engagements across multiple concurrent SaaS products. Laravel, Vue.js, MySQL, Redis, AWS.

- Owned full product lifecycle across multi-year SaaS products: architecture, delivery, operations
- Optimized AWS infrastructure costs, reducing monthly cloud spend by 40%
- Led recruitment during rapid agency expansion: 90+ technical interviews and 30+ hires

**Easyheadless.com** | *Static Site Generator* | Technical Lead/Project Owner

2024 – 2025

- 0-to-1 build: multi-platform deployment (Netlify, Vercel, AWS) with CloudFormation provisioning
- Built non-sequential job processing layer over Laravel Horizon; page-level encryption with Staticrypt

**Gpx.co** | *GPS Fleet Management SaaS* | Full-stack Engineer

2022 – 2024

- Migrated search from Algolia to Meilisearch cutting infrastructure costs by 90%
- Stripe/PayPal subscriptions, multi-brand B2B/B2C notification architecture

**Podcorn.com** | *Podcast Advertising Marketplace – Acquired for \$10M* | Technical Lead

2019 – 2022

- Led technical development from early stage through acquisition; 600+ commits across 3 years
- Built analytics on ClickHouse, payment systems with revenue sharing, 7x query performance improvements

## Education

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**Blagoveschensk State University**

2007 – 2012

*Master's Degree in Computer Science*

*Blagoveschensk, Russia*