

Petros “AI Lumberjack” Lambropoulos

Chief Future Whisperer · Athens, Earth

Portfolio: <https://petroslamb.github.io/peterlamb/> · **Quantum GitHub:** <https://github.com/petroslamb> · **Meta-verse LinkedIn:** <https://uk.linkedin.com/in/petroslamb>

Manifesto

Mission: Turn ambitious AI roadmaps into shipped reality before the “quick sync?” Slack ping even lands.

Superpower: Translate executive urgency into production-grade Python, Kubernetes, and ML that keeps its cool when traffic spikes and dashboards panic.

Promise: Bring receipts, dashboards, and playbooks so stakeholders, designers, and SREs high-five in the same victory lap.

Mood: Relentlessly caffeinated, cheerfully sarcastic, allergic to vaporware.

Impact Dashboard

Metric	Stat	Mic Drop
Resume throughput cared for	50K+/day	0.5B-record corpus kept fed, cleaned, and searchable.
Generative PoCs shipped	3 first-to-market	Job posts, interview questions, and resume parsing that won exec backing.
Onboarding time shaved	50%	Containerised ML stack made customer launches twice as fast.
Incident response missions	Multi-million-request DDoS neutralised	Custom Cloudflare mitigation + resilience roadmap delivered.

Mic Drop TL;DR: High-scale data, GenAI story arcs, polished release discipline—yes, still answering Slack at midnight.

Hype Experience

Workable – Senior Software Engineer, NLP Team (2022–2024)

What stayed real (besides caffeine): Built and operated Python ML microservices powering Workable’s AI-driven candidate experiences. Ran them on AWS EKS with Kubernetes + Helm, choreographing RabbitMQ and Kafka workflows across 10+ services while tens of thousands of resumes per day flowed in from a 0.5-billion-record corpus.

Lit the genAI fuse: Brought Workable’s first generative AI experiments to life—job-post generation, interview-question drafting, and resume parsing—because apparently the robots should handle job descriptions now. Demoed them company-wide and walked execs straight into production roadmaps.

Product + ops handshake: Partnered tightly with product and design to take prototypes from “sparkly deck” to “pager-safe feature.” Authored evaluation, deployment, and monitoring standards so data scientists, engineers, and PMs shipped with swagger.

Silent migrations: Drove large-scale backfill migrations without service disruption, keeping hiring teams blissfully unaware and my stress ball very aware.

NannyML – Senior Software Engineer (2021–2022)

Reality check (startups are spicy): Embedded with a six-person founding team to hunt product-market fit for ML monitoring.

Prototype drumbeat: Piloted monthly prototypes with research partners—each sprint delivering a fresh take on drift detection and alerting for real customer datasets, plus a new excuse for celebratory croissants.

Container-first delivery: Containerised the Python services on Amazon EKS with Helm, lifting reliability and cutting customer onboarding time in half so demos stopped sweating.

Ship-shape foundations: Championed CI/CD, testing depth, and observability from day one, gifting sales the confidence to land the startup’s first deals (and stop selling vaporware).

Orfium – Senior Backend Engineer (2020–2021)

The gig (cue synthwave): Led Django/PostgreSQL services handling music-licensing operations.

Shipping without drama: Kept everything twelve-factor and Heroku-friendly so releases stayed boring—in the Grammy category for Reliability.

Analytics unlocked: Upgraded APIs and observability so support teams spent less time firefighting and business finally saw actionable analytics without tarot cards.

Encode S.A. – Software & Data Engineer (2015–2020)

Scale story: Architected a PySpark + Elasticsearch platform able to process 100K-user network datasets inside a single business day, validated with heavy-load drills and minimal crying.

Throughput x10: Optimised the Python/MySQL pipeline with multiprocessing and Redis caching, stretching throughput from 1K to 10K users and deleting chronic bottlenecks from the incident log (may have fist-bumped the server rack).

Mentor-analyst bridge: Mentored junior engineers and paired with security analysts to turn threat intel reports into production-grade detection pipelines—translation service between hoodie and suit cultures.

Neuropublic – Python Software Developer, Web Applications (2014–2015)

Precision agritech hipster: Built precision-agriculture Python services that modelled crop returns using environmental and nutritional data—before “agritech” trended on LinkedIn.

Skyscanner – Intern Software Engineer, Data Acquisition (2012–2013)

Holiday-load tested: Owned Python APIs and scraping pipelines that kept ingestion services running during peak travel demand, extending core coverage when the world clocked out and interns apparently ran the sky.

Consulting & Selected Engagements 🧑🏻💻

Dikaio.ai (Athens legal-tech rocketship; 2024): Coached the soon-to-be CTO through a RAG + OpenAI blueprint that birthed their first Greek-law doc prototype and nudged investors into greenlighting the pre-seed round—legalese, but make it AI-chic.

Brain Metrics Initiative (2022): Led incident response for a multi-million-request DDoS surge, scripted Cloudflare mitigations, and wrote the resilience roadmap + postmortem everyone circulated (yes, with memes).

Langaware (2021): Prototyped a BERT-based solution for the Boston Theft Challenge and walked the CEO through how the model unlocked their applied NLP vision, featuring dramatic dashboards.

Beat (2020): Built a taxi-demand forecasting prototype for Lima so the AI/Data team could see ride-hailing signals before the rush hour spike; traffic jams fear my scatter plots.

Spotlight Moments 🌈

Delivered a flash talk on intrusion detection with NLP at the Cybersecurity Social during ICLR 2020; yes, there was live dramatisation of botnets.

Regular at Python and NLP meetups in Athens and Edinburgh (AUEB NLP, PyData Athens, Ministry of Testing Athens, Edinburgh Meetups, ICLR circuit) because apparently I collect event badges like Pokémon.

Long-running mentor for engineers stepping into ML and product roles—fewer cold starts, more demos shipped, extra coffee acquired.

Learning Power-Ups 📖

MSc, Computer Science – University of Edinburgh (2011–2012): Thesis with distinction on parallel MapReduce operators; coursework in parallel algorithms, NoSQL databases, and cloud-scale data processing; also earned a minor in surviving Scottish weather with espresso.

BSc, Physics – University of Athens (2007): Thesis on programming digital signal processors; foundation in applied physics plus computer science fundamentals, because why choose between particles and packets?

Erasmus Exchange – University of Bonn (2004–2005): Brought back German efficiency, pretzel-level focus, and a lifelong respect for punctual trains.

Professional Development: Athens NLP Summer School (2019); Big Data Architecture with Apache Spark (2018); Coursework in Electronic Automation & Information Systems at University of Athens (2007–2009). Collecting certificates like Pokémon, deploying them like Helm charts.

Signature Toolbelt 🛠️

Product & Leadership: Stakeholder alignment, storytelling for execs, cross-functional leadership, mentoring, incident comms—translation layer between panic and plan.

GenAI & MLOps: Generative AI delivery, LangChain, OpenAI APIs, Pinecone, MLflow, NLP systems, evaluation frameworks; optional hype-to-reality adapter included.

Data Platforms: AWS (EKS, EC2, S3, RDS), Kubernetes, Terraform, Airflow, Redis, Elasticsearch, PostgreSQL, MySQL—basically the alphabet soup of uptime.

Software Stack: Python, Django, FastAPI, Flask, PySpark, SQL, Pandas, NumPy, PyTorch, TypeScript, React; batteries, opinions, and unit tests included.

Delivery Excellence: CI/CD automation, microservices architecture, scalable data pipelines, observability, experiment tracking, incident response—plus a playlist for Sev1s.

Bonus Lore 🍷

Fluent in Greek, English, and expressive Slack emojis (🔥 is a complete sentence).

Lumberjack aesthetic is intentional; flannel pairs nicely with production stability and conference air-conditioning.

Available for AI SaaS missions, resilience interventions, and unapologetically direct product feedback—offer includes bonus dad jokes about latency.