

Authorised to work in Italy • No employer sponsorship required

PROFESSIONAL SUMMARY

Forward deployed engineer with 5+ years building and shipping production web applications, primarily in PHP and Laravel, with Python and FastAPI for services and automation. Embedded with client teams to scope, architect and deliver integrations and agentic LLM features using RAG, LangChain, LangGraph and the Claude and OpenRouter APIs, from pre-sales discovery through to production rollout. Five years working remotely with UK and US companies. MSc in Computer Science, Sapienza University of Rome.

TECHNICAL SKILLS

- Languages:** PHP, Python, JavaScript, SQL
- Backend:** Laravel, Symfony, CodeIgniter, FastAPI, Flask, REST API design, Eloquent ORM, queues and background jobs
- AI and LLM:** Agentic AI, LLM integration, RAG, LangChain, LangGraph, Claude API, OpenRouter, benchmark development and evaluation
- Frontend:** React, JavaScript, Tailwind CSS, Bootstrap, HTML/CSS
- Databases:** MySQL, PostgreSQL, Redis, Firebase
- Infrastructure:** AWS, Docker, Git, GitLab CI/CD, Linux, zero-downtime deployment

WORK EXPERIENCE

Smart Web Agency Ltd Mar 2023 – Present
United Kingdom (Remote)

- Senior Forward Deployed Engineer (May 2024 – Present) • Software Engineer (Mar 2023 – Apr 2024)
- Embedded with client teams to scope, architect and deliver production integrations across e-commerce, payments, bookings and PIM platforms
 - Led design and deployment of generative AI and agentic LLM features in client Laravel applications using the Claude and OpenRouter APIs, with Python/FastAPI services handling model calls and background processing, from prototype to production
 - Owned technical discovery and solution architecture during pre-sales, producing feasibility assessments and proposals that shaped project scope and delivery plans
 - Introduced Git version control and built an automated GitLab CI/CD pipeline with atomic, zero-downtime releases, reducing staging-to-production deployment from 25 minutes to **1m 18s**
 - Delivered remote training sessions to upskill the engineering team on AI tooling, integration patterns and delivery practices

LLM Engineer and Benchmark Developer (Contract) Sep 2025 – May 2026
Turing Enterprises — Palo Alto, CA, USA (Remote)

- Wrote **39 of 50** Knowledge and Research domain tasks for Meta's SwarmBench multi-agent benchmark as part of a 7-person pod
- Contributed training and evaluation data for 7 LLMs across **3,000+ tasks** on the OSWorld and Terminal Bench benchmarks, averaging **4.94/5.0** on task review
- Built an automated harness pipeline for Terminal Bench, cutting task delivery time from 13h to 4.5h
- Ran tooling knowledge-transfer sessions for 200+ trainers and reported internal tooling issues to the engineering manager

Software Engineer Aug 2020 – Sep 2021
Gaditek (SQUATWOLF) — Pakistan (On-site)

- Built an internal bulk shipment-label tool, cutting average label creation time from 8m 32s to 45s (**91% faster**)
- Integrated 5 shipping carriers (Aramex, DHL, EasyPost, EliteCourier, FedEx) into the order-processing system
- Built the order-processing tool on Laravel, MySQL, Redis, Firebase and AWS

Full Stack Developer May 2020 – Jul 2020
Landtrack.pk — Pakistan (On-site)

- Migrated the codebase from Laravel 5.7 to Laravel 7 and refactored raw SQL queries to Eloquent ORM
- Built Python crawlers collecting listing data from 11 real-estate sites

PROJECTS AND ENTREPRENEURSHIP

RingTryOn (ringtryon.com) Founder • Jan 2026 – Present

- Laravel SaaS that generates ring try-on images from a user's hand photo. Built the image-generation pipeline, a credit-based billing and wallet system, Google OAuth authentication, and programmatic landing pages for organic search

doteng Open source • npm: @dotenglang/doteng

- Compiler that turns structured natural language into framework-specific code. Wrote the lexer, parser and AST, the LLM code-generation backend, the CLI and a VS Code extension. Published on npm

EDUCATION

MSc in Computer Science, Sapienza University of Rome, Italy 2021 – 2024
Thesis: Benchmark Development for LLM-Based Visualizations and Evaluation

BSc in Computer Science, Sir Syed University of Engineering and Technology, Pakistan 2016 – 2020

PUBLICATION

"Toward a Structured Theoretical Framework for the Evaluation of Generative AI-based Visualizations", EuroVA / EuroVIS 2024

LANGUAGES

English (C1, Professional) • Italian (A2, actively studying toward B1) • Urdu (Native)