

Yogesh Agarwal

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KEY QUALIFICATIONS

- Software engineer focused on forward-deployed delivery: customer discovery, implementation and production support.
- Delivered systems for four startup clients; worked out product solutions live on customer calls at Clay.
- Built production AI applications with LLM extraction, RAG, evals and deterministic business rules.
- Scaled distributed systems at IMC and Tulip; Waterloo Computer Science and an IESE MBA.

EXPERIENCE

Paar (getpaar.com) | Co-Founder and Software Engineer Barcelona, Spain | 2026

- Built a visa platform used by roughly 100 people. Owned user interviews, scoping and cloud deployment in TypeScript, Next.js and PostgreSQL.
- Built an LLM pipeline extracting structured data from booking PDFs and passport scans, with OCR, schema validation, retrieval over sourced requirements and human review for uncertain results.
- Built field-level extraction evaluations on synthetic and redacted documents; tested prompt and model changes for regressions and selected the shipping model on accuracy and cost per document.

Dimando Digital | Technical Strategy Intern (MBA Internship) Lausanne, Switzerland | Jun 2025 - Aug 2025

- Opened conversations with 50+ enterprise prospects; took a subset through technical discovery, solution scoping and AI/RAG demos for business stakeholders into pilot proposals.
- Helped clients choose what to pilot by measuring manual work, testing feasibility on real documents and estimating build cost and payback.

Independent | Product & Software Engineer (Contract) Remote | Feb 2023 - Aug 2024

- Owned discovery, architecture, deployment and production support for four startup clients in GTM tooling, sports betting and ML infrastructure.
- Built an ETL framework running thousands of customer pipelines, with scheduling, retries, monitoring and incident support; containerised deployments with Docker and CI/CD.
- Cut model review time by 80% for a computer vision client by surfacing label errors and ranking image samples by likely failure.

Maven Securities | Quantitative Developer London, United Kingdom | Jun 2022 - Jan 2023

- Built the low-latency C++ research platform used by every quant team, with Python and Julia interfaces so researchers could build their own tools; cut strategy time to market by 3x.

IMC Trading | Software Engineer Amsterdam, Netherlands | Feb 2021 - Dec 2021

- Built the cluster's job orchestration software, improving scheduler performance 100x and enabling tens of thousands of strategy simulations per hour.
- Built exchange packet decoders and a distributed pipeline ingesting 10 years of options data: hundreds of terabytes made queryable for researchers.

EARLIER EXPERIENCE

Clay | Software Engineering Intern New York City, United States | May 2020 - Aug 2020

- Worked directly with customers on live calls to design and build Clay's Chrome extension and custom scraper, turning unstructured websites into leads in their Clay sheets for enrichment.

Tulip Interfaces | Software Engineering Intern Boston, United States | May 2019 - Dec 2019

- Replaced high-load session/device-presence and RPC functionality in the Meteor monolith with Go/TypeScript microservices. Owned profiling, RFCs, deployment and fixes after initial load-test gaps; enabled roughly 100x scaling.
- Launched a public API with API key management and Redis-based distributed rate limiting to protect customer data and connected hardware.

TECHNICAL SKILLS

Customer-Facing: technical discovery, solution scoping, requirements gathering, integration design, product demos, enterprise onboarding, pre-sales engineering, stakeholder communication, production support

AI: LLMs, RAG, agentic workflows, tool calling, function calling, MCP servers, prompt engineering, structured output, vector search, LLM evals, LangChain

Languages: Python, C++, TypeScript, JavaScript, Go, Java, SQL, Bash

Infrastructure: FastAPI, Node.js, Next.js, React, REST APIs, gRPC, PostgreSQL, Redis, Kafka, Supabase, Docker, Kubernetes, AWS, GCP, Azure, Linux, CI/CD, ETL, distributed systems, low-latency systems, microservices, IAM

EDUCATION

IESE Business School | Master of Business Administration (MBA) Barcelona, Spain | 2024 - 2026

UC Berkeley Haas | MBA Exchange Berkeley, United States | 2025 - 2025

University of Waterloo | Bachelor of Computer Science Waterloo, Canada | 2016 - 2020