

Oliver Kaikane Gate

Seven years as a full stack developer, specialising in all things front end. Right now I'm focused on agentic engineering: working out the practices and workflows that are safe, efficient, and don't produce spaghetti.

Open to relocation to Amsterdam and The Hague · Highly Skilled Migrant sponsorship

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This PDF is the static snapshot. Paste your role at olivergate.com/jd and the live site scores itself against it - honestly, gaps included.

01 Personal

Came to engineering from Philosophy of Technology. That training taught me to question the framing of a problem before answering it. Junior full stack to leading a five-person frontend team along the way.

I'm a tested full stack developer and I love coding. Right now that means agentic engineering. My passion is crafting user experiences.

02 Experience overview

Most of my bandwidth now goes to agentic engineering, built to a production standard. TeacherHub is the clearest proof: a language-learning platform whose homework-generation pipeline runs under a CEFR-aligned LLM-as-judge eval suite I built, so shipping an AI feature meant measuring whether it actually holds up. That sits on seven years of production engineering: three years at Redington leading a five-person frontend team on a multi-tenant fintech platform, then four years at OpenSC owning the supply chain analytics dashboard end to end for customers like Nespresso and Austral Fisheries. React/TypeScript on the frontend; Python, Node, C#, Kotlin on the backend.

03 Experience

Senior Full Stack Developer — OpenSC

JUL 2022 - APR 2026

Sustainability impact venture co-founded by WWF and BCG, providing supply chain traceability for global brands. Standardised messy 'first three miles' farm data into EPCIS, then surfaced it through dashboards used by Nespresso, Austral Fisheries, and internal teams to validate ethical sourcing claims and farmer payments.

- Sole engineer on the main analytics dashboard. Built and maintained the whole thing. Plotly Dash for the analytical core, React and Next.js for the consumer-facing pages.
- Built the traceability and payments validation system used by Nespresso to verify coffee sourcing across Rainforest Alliance and their internal AAA premium-farmer program, including checks that base prices tracked the London robusta price index and that farmer payments matched contracted standards.
- Modelled supply-chain relationships so infiltration, exfiltration, capacity breaches, and untraced origin coffee became queryable patterns rather than per-supply-chain spot checks.
- Worked with Austral Fisheries to validate the legal provenance of toothfish and prawn catches.
- Replaced bespoke per-cluster orchestrations in Dagster with a YAML-configured, data-contract-driven ingestion layer. New supply chains can be added by config now.
- Built a data entry flow that made it hard to put bad data in: input checks, guardrails, and reviews at the point of capture. Plus monitoring for ingestion accuracy and frequency across all supply chain feeds.

STACK / React, Next.js, TypeScript, Python, Plotly Dash, Dagster, Kuzu, Kotlin, AWS, Kubernetes, Postgres, Ethereum, Airflow

Associate Full Stack Developer — Redington

FEB 2019 - JUN 2022

UK pensions consultancy. Core contributor on the frontend of a multi-tenant research platform used by several thousand consultants across 7 tenants to track investments and maintain observability across portfolios. Joined as a junior; promoted to leading a frontend team within two years as the company scaled from 10 engineers to 8 teams.

- Key contributor through my junior years, then led frontend architectural decisions on a React and TypeScript multi-tenant dashboard. Sensitive financial data; tenant isolation was the design constraint everything else worked around.
- Led a five-person frontend team focused on feature delivery, consistently the highest-performing team on UI work.
- Introduced Cypress E2E testing across the platform, which raised deployment confidence and cut human error at release time.
- Chaired the Bristol charity committee. Helped a charity left dry by multiple high-cost agencies. We ran a one-day workshop to surface issues, then migrated their database and supporting infrastructure onto Airtable. Pushed for more company-sponsored charity days and helped colleagues find their own.

STACK / React, TypeScript, MUI, Cypress, Jest, AWS, .NET (C#), PostgreSQL, DDD, Event sourcing paradigm

04 Education

BA Philosophy 2:1 — Leeds University

SEP 2014 - JUN 2017

- Specialised in Philosophy of Technology

- Rhetoric and structured argument: built the habit of restating a question before answering it
- The skills I learnt at university shaped how I approach design conversations, whether UX or technical. Getting the most out of each person is what makes those conversations succeed

05 Skills

PRIMARY STACK

React Next.js TypeScript Node.js Python PostgreSQL AWS

AI / LLM (CURRENTLY FOCUSED)

- Eval testing
- LLM pipelines across OpenAI and Anthropic APIs (GPT-4, Whisper, Claude)
- Agent orchestration
- Agentic harness
- Skills, agents, hooks and strategy for agentic engineering
- MCP servers with OAuth 2.1
- OWASP LLM Top 10
- Prompt injection and jailbreak patterns

FRONTEND

React Next.js TypeScript Cypress Jest MUI Chakra TailwindCSS Ant Design Mantine Redux
 React Query React Hook Form Kotlin (Android)

BACKEND

Python (FastAPI, Dagster, pandas, Plotly Dash) Node.js C# / .NET Kotlin (Spring Boot) PostgreSQL MartenDB
 Kuzu (graph DB) Airflow

INFRASTRUCTURE & DEVOPS

AWS (S3, EKS, EC2, SNS, SQS, Lambda, IAM, RDS, CloudWatch) Terraform Azure (some) Vercel Supabase
 GitHub Actions Octopus Deploy / TeamCity CircleCI

LEADERSHIP

- Led a five-person frontend team at Redington
- Completed external senior IC / principal-engineer soft-skills training (2024)
- Ran external consulting engagement (LifeCycle) end-to-end

06 Projects

TeacherHub

olivergate.com/projects/teacherhub

Next.js 15, Mantine, Supabase (Postgres + RLS), Vercel, OpenAI GPT-4o, DeepL, Capacitor

Language-learning platform with a CEFR-aligned LLM-as-judge eval suite over its homework-generation pipeline.

Claude CLI cockpit

olivergate.com/projects/claude-gui

Electron, node-pty + xterm.js, SQLite, Anthropic SDK

Multi-window Electron cockpit for the Claude Code CLI: files touched, agents in use, tool calls, rejected calls, and structured review findings, all on one surface.

BlobLife

olivergate.com/projects/blob-life

Flutter (Dart), Riverpod, Drift (SQLite), Claude Haiku via Supabase Edge Functions

Gamified habit-tracking app for people with ADHD. Four phases of the day, a blob companion that reflects how it's going, and a habitat that grows with consistency.

Retro Claude

olivergate.com/projects/retro-claude

Claude Code CLI, custom skills and subagents, YAML session records, Supabase telemetry

Skill and telemetry store on top of the Claude Code CLI: per-session retros classified against a personal ontology, telemetry over agent usage, friction, learnings, and gotchas.

OWASP Top 10 Trainer

olivergate.com/projects/owasp-trainer

React + TypeScript + Vite, Web Worker + Pyodide sandboxes, Vercel Functions, Upstash Redis, Resend

Interactive trainer for the OWASP Top 10:2025 and the LLM Top 10. Learn a risk, take a quiz, then patch vulnerable code and prove the fix against live exploit tests that run in your browser.

07 Outside work

Food and cooking

Travelling

Reading

Chess

Running