

Soham Kakra

AI Product Builder · RAG, Agents & Full-Stack Prototyping

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BUILD

EVALUATE

SHIP

PROFILE

AI product builder completing an M.Sc. in Data Science & AI at TU/e. Turns ambiguous ideas into working systems across retrieval, agents, and full-stack products; uses AI coding tools to prototype quickly and evaluates outputs with targeted evals, experiments, and model comparisons.

EXPERIENCE

Prosus — AI Intern — Master's Thesis Amsterdam, Netherlands · Apr 2026 – Present

- Designed and built an on-demand structuring RAG system for enterprise questions requiring cross-document aggregation, causal reasoning, and reusable follow-ups across 1,120 synthetic Jira-style tickets and anonymized internal meeting documents.
- Built deterministic code-execution aggregation, evidence-grounded graph extraction, experiment tracking, cost controls, and an evaluation framework comparing six retrieval and agentic variants with deterministic checks and a two-model judge panel.
- Own Chuck, a three-person Slack-based 3D design-and-printing project; shipped the first end-to-end demo in 3–4 weeks and generated 15+ successfully printed items from text, images, and uploaded models using 3D AI Studio and agentic CAD.

Amana Global Partners — Research Intern Aug 2025

- Scouted and assessed early-stage AI companies across defence, automotive, aerospace, and adjacent sectors using investment-analysis frameworks.

IDC ABA Employment Services — Data & AI Intern Jul 2025 – Aug 2025

- Built Microsoft Copilot agents for internal IT helpdesk and insurance risk-analysis workflows; also contributed to the company website redesign.

Etihad Credit Insurance — Data Analyst & IT Support Dubai, United Arab Emirates · Aug 2023 – Aug 2024

- Designed Power BI dashboards for finance, risk, and HR reporting; automated multi-step data pipelines and built a SharePoint intranet for cross-team communication.

ADDITIONAL EXPERIENCE

The First Group — Learning & Development Intern · Dubai, United Arab Emirates · Nov 2022 – May 2023

Managed Totara LMS deployment and operations, then analyzed training data to report on programme effectiveness.

Apptmyz LLC — Software Developer Intern · Hyderabad, India — Remote · Jun 2021 – Sep 2021

Developed and maintained AngularJS features for an employee-management system.

SELECTED DELIVERY

Sage Advisory Live client delivery · sagetaxconsultancy.com

Designed and shipped a live website for a Dubai tax advisory firm, owning structure, copy, implementation, and deployment with Next.js, Tailwind CSS, and Vercel.

EDUCATION

Eindhoven University of Technology (TU/e) — M.Sc. Data Science & Artificial Intelligence Eindhoven, Netherlands · Sep 2024 – Sep 2026

(expected)

Master's thesis at Prosus: adaptive retrieval and on-demand structure for complex enterprise queries.

Heriot-Watt University — B.Sc. Computer Science, Artificial Intelligence Specialisation Dubai, United Arab Emirates · Sep 2020 – Jul 2023

With Honours, Second Class Upper Division.

TECHNICAL SKILLS

LANGUAGES & PRODUCT Python, TypeScript, JavaScript, Next.js, React, Git

AI & EVALUATION RAG, LLM evaluation, agentic systems, FAISS, SQLite/FTS5, NetworkX, BGE reranking, Claude and OpenAI APIs

BUILD & DEPLOY Cursor, Claude Code, Codex, Vercel, Azure, Microsoft Power Platform, Figma