

Niyas Hameed

[linkedin.com/in/rfniyashameed](https://www.linkedin.com/in/rfniyashameed)

AI Software Engineer

niyas.top

github.com/niyasrad

AI Software Engineer with 3+ years shipping production LLM systems end-to-end. Second engineer at Wolfia (YC), where I built the trust center now used by Notion, Amplitude, Miro, and Juicebox, bringing customers millions in their sales pipeline. Seeking deeper work on agentic systems, LLM evaluation, and core AI infrastructure.

SKILLS

AI / LLM | Claude SDK, OpenAI API, RAG pipelines, prompt engineering, structured outputs, agentic systems, MCP

Eval & Observability | Hallucination detection, A/B shadow-mode testing, Sentry, PostHog

Infrastructure | Chrome Extension (MV3), Kubernetes, Helm, Docker, AWS, GCP, Azure, GitHub Actions, CI/CD

Full-Stack | React, Next.js, TypeScript, Python, FastAPI, Express.js, PostgreSQL, MongoDB, ElasticSearch

Integrations | Slack API, Airbyte, Airflow, MindsDB, Hatchet

EXPERIENCE

Wolfia (YC) | AI Software Engineer | United States 2025 - Present

Joined as the **second engineer**, working closely with the founder. Led, built, and launched a trust center product managing compliance for world-class companies like Notion, Amplitude, Miro, and more.

RAG pipelines, Agentic systems, MCP, OpenAI, Claude SDK, Next.js, FastAPI, Chrome Extension (MV3), Kubernetes, Sentry, PostHog.

Trust Center Platform

- Shipped the trust center (deployed for world-class companies including Notion, Amplitude, Miro, and Juicebox) with AI chat widget (citations + MCP multi-tool), tenant-owned certifications, i18n, NDA signing, and auto-approval workflows tied to CRM data, bringing customers millions in their sales pipeline. Check Notion's trust center here: trust.notion.com
- Built AI-driven reviewer workflow: SME auto-assignment by topic, org-defined teams, SLA breach alerting, and a unified notification system across Slack and email.
- Delivered multilingual questionnaire answering: bidirectional translation, question-text translation, and translation-state tracking.

Chrome Extension & Autofill

- Built the Chrome extension from scratch for AI-powered vendor portal autofill; shipped handlers for **20+** portals (OneTrust, Upguard, Drata, ServiceNow, Vanta, and more) with shadow DOM traversal, auto-scroll page

traversal, iframe handling, and API-based auth, extraction, and autofill; reducing questionnaire completion from **2 weeks to 4 hours**.

- Designed the “AI-first” autofill UX: auto-retry on failed classification, manual edit before submission, and HAR record-and-replay tooling for deterministic offline debugging.

AI Pipeline & Quality

- Migrated questionnaire extraction to idempotent workflows; added hallucination-detection watcher that catches false positives before they reach users.
- Built Slack auto-responder (classify, answer from KB, quality gate, detecting when a human should take over) and designed shadow-mode A/B framework. Led Slack Marketplace listing effort.

Vue.ai (Acquired) | Software Engineer | Chennai, India

2023 - 2025

Worked with the CTO on the public-facing SDK. Built Vue Up, a multi-cloud automation system that cut provisioning time by **96%** for 12+ microservices, ahead of the company's **2025 acquisition**.

Python, TypeScript, Kubernetes, Helm, Docker, AWS, GCP, Azure, ElasticSearch, PostgreSQL, MongoDB.

- Architected Vue Up, a one-click deployment system for multi-cloud presales demos.
- Built Vue Data Catalog, a polyglot ETL connector supporting relational, file, search, and key-value storage modes.
- Maintained core microservices, managed releases, and led open-sourcing of the platform SDK.

Datachecks (Formerly Waterdip AI) | Software Engineer | Bengaluru, India

2022 - 2023

Third engineer at the company, working directly with the CEO to build the first ML and data quality platform. Launched the core validation engine at Open Source India 2023, growing the project to **150+ GitHub stars**.

Python, React, TypeScript, PostgreSQL, MongoDB, ElasticSearch, GitHub Actions, Docker.

- Developed **DataChecks**, a database-agnostic data quality and observability tool; merged **100+** public PRs.
- Built core data quality metrics: [standard deviation](#), [distinct count](#), [sum aggregation](#), and [data completeness metrics](#) for text fields.
- Led migration of **MLCheck** UI from MUI 4 to MUI 5 across 20+ pages. Orchestrated automated build and deployment pipelines.
- Pitched at OSI 2023 alongside the CEO, boosting GitHub star growth by **350%** in the first month.

OPEN SOURCE CONTRIBUTIONS

Airbyte (PyAirbyte) | Core Contributor | github.com/airbytehq/PyAirbyte

2024

Contributed key architectural upstream features to the official Python SDK (250+ stars):

- Introduced [offline mode](#) allowing Airbyte runtimes to operate in completely air-gapped enterprise deployments.
- Added [host network support](#) for connectors to seamlessly resolve container conflicts.
- Implemented [flexible temp directory configuration](#) to handle massive file-transfer overrides.

DataChecks (dcs-core) | Core Contributor | github.com/datachecks/dcs-core

2023

Co-developed the database-agnostic data validation engine: Architected and built core data validation metrics: [standard deviation](#), [distinct count](#), [sum aggregation](#), and data completeness metrics (like [empty-string percentage](#) and [empty-string count](#)).

PROJECTS

Helm Inspect (helm-inspect.vercel.app)

2025

DevOps CLI to detect drifts between Helm manifests and deployed K8s resources; Slack notifications and scheduled drift checks. *Python, React, TypeScript, Slack API, Helm, Kubernetes.*

Tartarus (qreater.mintlify.app/introduction)

2024

High-throughput, low-level data application managing configuration definitions with schema mutation support. *FastAPI, Postgres, Mintlify, Helm, Kubernetes, GitHub Actions.*

RhythmB (github.com/niyasrad/RhythmB)

2023

Music streaming service with a horizontally scalable architecture, ANN-based search/recommendation engine, and one-click K8s deployment. *React, TypeScript, FastAPI, Postgres, ELK Stack, Helm, Kubernetes.*

Explore more projects including real-time WebSockets and API engines at niyas.top/projects

AWARDS

Airbyte x MindsDB International Hackathon | Grand Prize Winner (\$5,000)

2025

Built **ProfiteerIO** to solve e-commerce pricing guesswork: given sales history and market signals, it outputs optimal prices and demand forecasts in real time.

- **Official Blogpost:** airbyte.com/blog/winner-of-the-airbyte-mindsdb-hackathon
- **GitHub Repository:** github.com/qreater/Profiteer-IO

EDUCATION & LEADERSHIP

Bachelor's in Artificial Intelligence and Data Science

Anna University

| First Class Distinction | **9.2 CGPA**

Google Developer Student Clubs | App Development Head (Anna University)

2021 - 2022

Led Android development education for 4,000+ students. Organized and facilitated Compose Camp, a two-day intensive workshop on Android UI design with Jetpack Compose. Achieved Tier-1 Milestone recognition from Google for the program's success.

MindCare | Co-founder (Chennai, India)

2022

Co-founded MindCare to address India's mental health crisis. Built a therapist-approved mental health module and onboarding system that matched users with therapists based on their needs. Rapidly prototyped features based on feedback from therapists, scaling to initial matchmaking before winding down operations due to lack of market fit.