

# Ishan Koradia

Infrastructure & Backend Engineer · 5+ Years Experience

Bengaluru, India | [ikoradia@umich.edu](mailto:ikoradia@umich.edu)

[about-me.ishankoradia.in](https://about-me.ishankoradia.in) | [github.com/Ishankoradia](https://github.com/Ishankoradia) | [linkedin.com/in/ishan-koradia](https://linkedin.com/in/ishan-koradia) | [medium.com/@ishank24](https://medium.com/@ishank24)

## SUMMARY

Infrastructure and backend engineer with 5+ years of experience running production platforms on Kubernetes (EKS), AWS, and Terraform. I've scaled data infrastructure to near-unlimited throughput, built CI/CD pipelines in GitHub Actions, owned observability and on-call incident response, and built AI-assisted tooling to cut operational toil. Comfortable across the stack, but happiest keeping production reliable, cost-efficient, and simple.

## EXPERIENCE

### Software Engineer — Dalgo, Project Tech4Dev

Open-source ELT data platform for NGOs & social-impact organizations

Jan 2023 – Present

Bengaluru, India

#### Infrastructure & Reliability

- Scaled the ELT infrastructure from 2 concurrent pipelines to effectively unlimited on Kubernetes (EKS) using autoscaling — cutting customer sync wait times from hours to under 2 minutes.
- Built and maintained GitHub Actions CI/CD pipelines for deploy, test, and infrastructure lifecycle workflows (quarterly Kubernetes, Helm, and dependency upgrades).
- Set up observability across EC2, RDS, and EKS with Prometheus, Grafana, and Sentry — cutting mean time to detect incidents to under 2 minutes; owned on-call rotation and drove RCAs for major incidents.
- Rightsized compute and storage across AWS to reduce infrastructure spend without impacting throughput.
- Managed DNS and routing on Cloudflare; contributed to Terraform modules for reproducible infrastructure provisioning.

#### Product Engineering

- Drove Dalgo v2's customer-facing features — Metrics, KPIs, Alerts, Charts, and Dashboards — helping clients operationalize their data.
- Built Dalgo v1's flagship features — pipeline orchestration and a node-based graphical UI for data transformations, letting non-technical users model data without writing SQL.
- Built an AI-assisted engineering harness on Claude Code (skills, agents, commands) that reduced operational toil and lets the team ship features and prototypes significantly faster.

#### Community & Enablement

- Mentored 2 junior developers from other verticals — from unblocking tricky bugs to goal-setting and pushing them to grow beyond their day-to-day work.
- Consulted with 2 clients to design and build their data pipelines in dbt.
- Founded "The Fellowship of the Tech4Dev," an internal engineering community for shared learnings and tech talks.

### Apprentice & Software Engineer, Think201

Software consultancy

Mar 2022 – Jan 2023

Bengaluru, India

- Developed RESTful API services on a microservices architecture with Node.js/Express across the finance, entertainment, and travel domains.
- Designed database schemas, integrated third-party APIs to client requirements, implemented JWT-based authentication, and built an order analyzer with pandas for an in-house trading app.

### Software Developer, ITdeation Technologies LLP

Full-stack product development

Mar 2021 – Feb 2022

Mumbai, India

- Worked across the full stack — building user-facing interfaces and the back-end services behind them, and designing database schemas end to end.

### Data Platforms Intern, Aga Khan Foundation Canada

International development organization

Mar 2021 – Jul 2021

Remote

- Cleaned and prepared data in Python for data-science and ML applications; built dashboards and reports for multiple projects.

## PROJECTS

---

### Semantic Bookmarks

[web](#) · [android](#) · [chrome](#)

- Semantic search over personal bookmarks, shipped end-to-end as a Next.js web app, Chrome extension, and Android app on a FastAPI backend. 50+ users onboarded.

### Robin Hood Army — rha-web

[robinhoodarmy.com](#)

- Built and maintain the web platform (Next.js, React, TypeScript, Tailwind) for a zero-funds organization fighting hunger and illiteracy.

## SPEAKING

---

### Data Platform for Social Impact — Co-speaker, PyCon India 2024

[watch](#)

- Walked the audience through Dalgo's architecture — how an open-source ELT platform is built to help social-impact organizations put their data to work.

## SKILLS

---

**Languages** Python, Go, TypeScript / JavaScript, PHP, SQL

**Backend** Django, FastAPI, Node.js / Express, Laravel, Celery

**Data & Orchestration** dbt, Airbyte, Prefect, PostgreSQL, MySQL, pandas

**Cloud & DevOps** AWS, Kubernetes (EKS), Terraform, Helm, Docker, GitHub Actions, Prometheus, Grafana, Sentry, Cloudflare

**Frontend** Next.js, React

## EDUCATION

---

**M.S., Applied Electromagnetics** — University of Michigan, Ann Arbor

2019 – 2020

**B.Tech, Electrical Engineering** — Mahindra College of Engineering, Hyderabad

2014 – 2018

## VOLUNTEERING & COMMUNITY

---

### Open Source Contributor, Onyx

Dec 2024

- Built the Discord connector ([PR #3023](#)) for Onyx — an open-source AI search and RAG platform — enabling AI-powered search over Discord server conversations.

### Volunteer, Robin Hood Army

Mar 2026 – Present

- Revamping data and tech systems for a zero-funds organization solving hunger and illiteracy.

### Data & MIS Committee, Aga Khan Development Network

Mar 2021 – Present

- Managing apps, systems, and infrastructure for the Aga Khan Council for India — the community administrative body operating under AKDN.

### Mentor, Reach for Stars — Aga Khan Education Services

Jan 2026 – Present

- Mentoring 2 people building their careers in software, as part of Cycle 8.