

# Nisarg Koradia

Ahmedabad, India · +91 7048592212 · mknisarg@gmail.com  
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## PROFESSIONAL SUMMARY

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Backend engineer with **3+ years of SDE experience** building **production integrations and automation systems**. Specializes in **REST APIs, OAuth, webhook design, and AI-assisted development**. Fluent in agentic workflows: directs agent-written code, AI evaluation harnesses, and iterates on prompts/models. Deep customer prioritization; ships in milestones, debugs across service boundaries, and communicates proactively in async environments.

## EXPERIENCE

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### OpsHub

Software Engineer L2

Ahmedabad, India

Oct 2025 – Present

- Building an **LLM-driven configuration system** that turns natural-language use cases into validated production configs through **multi-step orchestration** with intent detection, schema conversion, tool and function calling, and validation.
- Built an **evaluation framework for prompt and model changes** with **A/B testing** on real configuration outcomes, so model swaps and prompt edits ship behind measurable quality bars.
- Lead the **triage rotation for enterprise escalations**. Acknowledgment in **1–2 hours**, customer unblock averaging **8 hours**, root cause in **13 hours**, fix in **2 days**. Restructured intake so investigation and data collection run in parallel before formal escalation, holding throughput under high defect inflow.
- Resolved a customer **90% RAM alert** misdiagnosed as a JVM heap leak. Walked layered tooling (Eclipse MAT, Native Memory Tracking, Java Flight Recorder) to isolate **glibc allocator fragmentation under RocksDB**.

### OpsHub

Software Engineer L1

Ahmedabad, India

May 2023 – Sep 2025

- Recovered an escalated customer integration project** as sole engineer and project lead. Reset requirements with the customer, replaced **~30 per-entity-type manual configurations** with one **dynamic field-mapping engine** across source and target platforms, and delivered on the revised timeline.
- Shipped **two custom connectors** for OpsHub Integration Manager using the Connector SDK, opening new enterprise integration paths and contributing to **2 lead conversions**.
- Cut DB calls by 90%** in rank-data migration sync through query profiling, redundancy elimination, and query consolidation.
- Cut integration API calls by 80%** through API profiling, shared-access cache redesign, concurrency-safe synchronization, and fallback paths.
- Mitigated **production OOM errors** with an interceptor-based log truncator for oversized strings, a low-touch change with wide reach.

### OpsHub

Software Engineer Intern

Ahmedabad, India

Jan 2023 – May 2023

- Fixed a **breaking migration bug** by reworking the audit-migration architecture to handle type changes mid-stream.
- Diagnosed and patched **incorrect work-item creation flows**; reported root cause to the upstream system and implemented a workaround to prevent user-impacting updates.

## PROJECTS

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### CoderHouse

Node.js, Express, React, WebRTC, JWT

- Built a **collaborative lecture app** (team of 2) with **WebRTC audio**, JWT auth, room creation and joining, and speaker controls. Designed the **backend APIs and real-time layer**.

## SKILLS

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**Integrations & APIs:** REST, OAuth 2.0, Webhooks, Pagination, Rate limiting, JsonRPC, WebSocket, WebRTC

**Backend & Frameworks:** Java, Spring Boot, Hibernate, JUnit, TestNG, Mockito, Python, Node.js, TypeScript, SQL, Bash

**AI & Agentic Dev:** Spring AI, Tool/function calling, Multi-step orchestration, Eval frameworks, Prompt engineering, RAG, Embeddings, OpenAI & Anthropic SDKs, LangChain

**Debugging & Observability:** Java Flight Recorder, Native Memory Tracking, Eclipse MAT, JVM GC tuning, Linux memory accounting, ELK

**Data:** MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch, RocksDB

**Cloud & DevOps:** Docker, Jenkins, Git, Gitea

## EDUCATION

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Pandit Deendayal Energy University

B.Tech, Computer Science and Engineering

Aug 2019 – Mar 2023

GPA: 9.4 / 10